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Ontario Legislative Assembly

# SESSIONAL PAPERS

## VOL. LXXV.—PART IV

## EIGHTH SESSION

OF THE

## TWENTIETH LEGISLATURE

OF THE

## PROVINCE OF ONTARIO

SESSION 1943

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1944

# CONTENTS
## FOR PART IV

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## REPORTS

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ONTARIO MUNICIPAL BOARD
HYDRO-ELECTRIC POWER COMMISSION
PROVINCIAL AUDITOR
WORKMEN'S COMPENSATION BOARD
ONTARIO VETERINARY COLLEGE
DEPARTMENT OF HIGHWAYS
ONTARIO PROVINCIAL POLICE
ONTARIO RESEARCH FOUNDATION
NIAGARA FALLS PARK COMMISSION

# Thirty-Seventh Annual Report

OF THE

# ONTARIO MUNICIPAL BOARD

## To December 31st, 1942

PRESENTED TO THE LEGISLATIVE ASSEMBLY
BY COMMAND

SESSIONAL PAPER No. 24, 1943.

ONTARIO

TORONTO
Printed and Published by T. E. Bowman, Printer to the King's Most Excellent
Majesty, 1943

Toronto, April 6th, 1943.

TO THE HONOURABLE ALBERT MATTHEWS,
Lieutenant-Governor of the Province of Ontario in Council.

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to transmit herewith the Thirty-Seventh Report of the Ontario Municipal Board for the year ending December 31st, 1942.

Respectfully submitted,

T. B. McQUESTEN
Minister of Municipal Affairs.

Parliament Buildings,
Toronto.

Toronto, April 6th, 1943.

## Re Thirty-Seventh Annual Report

Dear Sir:

I have the honour to send you herewith the Thirty-seventh Annual Report of the Ontario Municipal Board to December 31st, 1942.

Your obedient servant,

M. B. SANDERSON,
Acting Secretary.

The Honourable T. B. McQuesten,
Minister of Municipal Affairs,
Parliament Buildings,
TORONTO.

# ORGANIZATION

# of the

# ONTARIO MUNICIPAL BOARD OF THE PROVINCE OF ONTARIO

| | |
|---|---|
| R. S. COLTER, K.C., | CHAIRMAN |
| W. P. NEAR, B.A.Sc., | VICE-CHAIRMAN |
| A. J. B. GRAY | MEMBER |
| M. B. SANDERSON | ACTING SECRETARY |
| J. A. McDONALD | INSPECTOR OF TELEPHONE SERVICE |

THIRTY-SEVENTH ANNUAL REPORT

OF THE

# Ontario Municipal Board

To December 31st, 1942

PRESENTED TO THE LEGISLATIVE ASSEMBLY

BY COMMAND

# THIRTY-SEVENTH ANNUAL REPORT

OF THE

# Ontario Municipal Board

## To December 31st, 1942

In pursuance of Section 108 of "The Ontario Municipal Board Act" (R.S.O. 1937, Chapter 60), the Ontario Municipal Board beg leave respectfully to submit their Thirty-seventh Annual Report.

### "THE ONTARIO MUNICIPAL BOARD ACT"

Since the revision of the Statutes of Ontario in 1937, "The Ontario Municipal Board Act" was amended by Statutes of Ontario, 1938, Chapter 37, Section 18; 1939, Chapter 47, Section 26; 1940, Chapter 20; and 1941 Chapter 40. See also Ontario Statutes 1942, Chapter 34, Section 41 and Section 42 (6).

### APPLICATIONS TO THE BOARD

There were 985 applications to the Board during 1942 (exclusive of Public Vehicle and Public Commercial Vehicle License applications), and in regard to these and applications not disposed of in 1941, 175 public hearings were held. The applications included a great variety of matters falling within the jurisdiction of the Board and those granted are set out in a list contained in the "Abstract and Summary" appended to this Report, indexed under "Orders Issued by the Board." Copies of formal Decisions issued are also contained in the Abstract and Summary, indexed under "Decisions of the Board" and also under the names of the Parties.

### SITTINGS OF THE BOARD

The Board held meetings for the transaction of routine business and the disposal of applications every juridical day throughout the year. Many of these applications, though dealt with informally and disposed of without the necessity of Hearings, entailed in many instances a considerable amount of inquiry and consideration on the part of the Board, especially those coming under the provisions of Section 70 of the Board's Act, which section requires all capital undertakings and expenditures therefor by Municipalities to be approved by the Board.

### REVENUE

By Ontario Statutes, 1939, Chapter 47, Section 26 (3), Section 107 of "The Ontario Municipal Board Act," being the section respecting the Board's fees, was repealed and re-enacted. The new section came into effect on the 27th day of April, 1939, and the fees are now payable in cash ON THE APPLICATION instead of Law Stamps on the Board's Order.

During 1942, the Board's fees on applications amounted to $12,506.87. In this amount is included the fees on applications for Public Vehicle and Public Commercial Vehicle Licenses—collected by the Department of Highways and credited to the Board.

## APPROVAL OF UNDERTAKING OF CAPITAL EXPENDITURES BY MUNICIPALITIES

(Section 70 of "The Ontario Municipal Board Act" R.S.O. 1937, C. 60).

(Subsection (3) re-enacted O.S. 1940, C. 20, s. 4), (Subsection (1) amended O.S. 1941, C. 40, s. 3).

On the 18th April, 1935, legislation came into effect whereby a Municipality is prohibited from exercising any of its powers to proceed with, authorize or provide any moneys for any undertaking, work, project, scheme, act, matter or thing, the cost or any portion of the cost of which is intended or required to be provided or raised by the issue of debentures of the Municipality, until the approval of this Board is first obtained. This enactment overrides the provisions of any general or Special Act and necessitates a great many applications to the Board. A list of these applications granted will be found in the Summary, included in the list indexed under "Orders issued by the Board."

Five hundred and thirty-seven applications in respect to proposed expenditures totalling $9,823,253.39 were considered by the Board and approval was refused in respect to $134,882.93 of this amount. It should be noted, however, that since Municipal representatives are now aware of the fact that they must obtain the Board's approval of proposed capital undertakings, a large percentage avail themselves of the opportunity of discussing their proposed borrowings with the Board and in many instances are advised that the Board would not be willing to grant approval. Accordingly formal applications in these instances are not filed and do not show in the Board's records.

It should also be noted that the existence of this legislation gives the Board an opportunity to advise and control with regard to the type and term of the debentures to be issued. In this connection the Board has pursued the policy of approving only instalment debentures as opposed to sinking fund debentures and is generally requiring the term of repayment to be shorter than formerly, believing that the saving of interest effected thereby accrues to the benefit of the municipal ratepayers.

A recital in the debenture by-law of the Board's approval under said Section 70 is obligatory, pursuant to an amendment passed at the 1939 Session of the Legislature (Chapter 30, Section 17) adding paragraph (e) to subsection (1) of Section 305 of "The Municipal Act."

The following list, (generally speaking), shows the maximum debenture term allowed by the Board under this restrictive policy:—

| | |
|---|---|
| Sidewalks | 10 years |
| Curbs and Gutters | 10 years |
| Pavements | 10 years |
| Watermains | 15 years |
| Sanitary Sewers | 15 years |
| Trunk Sewers | 20 years |
| Buildings, including Schools | 20 years |

## APPROVAL OF RATEPAYERS

By Section 59 (f) of "The Ontario Municipal Board Act" the Board is given power to direct that before any approval is given to the exercise of any powers by a Municipality or to any By-law passed by it, the assent of the electors thereof or of those qualified to vote on money by-laws shall first be obtained, notwithstanding such assent is not otherwise requisite. By virtue of this legislation the Board is continuing its policy, adopted in 1938, of insisting that major capital expenditures, the cost of which would be met out of general rates, be submitted to the ratepayers for their approval before being presented to the Board, and further the Board is of the opinion that a representative vote can be taken only at the same time as the municipal election. The result of this policy in many instances has been the rejection of the proposed expenditure by the ratepayers.

## ARBITRATIONS

In 1942 the Board acted as Arbitrators in connection with nine applications, six of which were made pursuant to Section 79 of "The Highway Improvement Act" for the fixing of compensation to be paid to the Claimants for property expropriated in connection with construction of the King's Highways, where the amount could not be arranged between the Parties, and two pursuant to Section 79 (a) of the same Act (as enacted by Section 7, Chapter 19, O.S. 1939), which provides for the closing by the said Department, with the Board's approval, of any road which intersects or runs into a divided highway. The other application was made pursuant to "The Power Commission Act."

## SUPERVISED MUNICIPALITIES

Pursuant to the provisions of Section 32 of "The Department of Municipal Affairs Act" (R.S.O. 1937, C. 59), the Board, during 1942, issued Orders placing all of the financial affairs of the Corporation of the Town of Haileybury and the Roman Catholic Separate School Board of the City of Ottawa under the control and supervision of the Department of Municipal Affairs, and considered and approved plans for funding and refunding the bonded indebtedness of the following supervisied Municipalities:—The Towns of Eastview and Tecumseh and the Roman Catholic Separate School Board of the Township of Sandwich East.

## EXTENSION OF PUBLIC UTILITIES

(Section 407 (2) of "The Municipal Act")

During 1942 the Board approved of extensions to Public Utilities in an amount totalling $415,894.00 covering 8 applications. These are shown in the Summary in the list of Orders issued by the Board.

## FLOATING INDEBTEDNESS

(Section 59 (d) of Part IV, R.S.O. 1937, C. 60, as re-enacted by O.S. 1939, C. 47, s. 26 (1).)

Under this legislation the Board issued Orders in respect to two Municipalities authorizing debenture issues totalling $38,700.00. It should be noted that this meant a considerable saving of expense to the Municipalities concerned, as special Acts of the Legislature would otherwise have been necessary.

(Section 59 (dd) of Part IV, R.S.O. 1937, C. 60, enacted by O.S. 1939, C. 47, s. 26 (1.))

One Municipality took advantage of this legislation, which came into effect on April 27th, 1939, and applied to the Board for authority, without assent of the electors, to retire certain of their debentures redeemable before maturity. The total amount authorized by the Board was $300,000.00.

## DIRECT RELIEF REFUNDING

The policy of the Board to curtail the funding of direct relief costs by Municipalities has resulted finally in the elimination of all applications in this regard. During the year 1937 ten Municipalities applied for and received approval to the funding of a portion of their direct relief costs; in 1937 five applications were filed, of which only three were granted, in 1939 the three applications filed, were approved. In 1941 there was only one application and none in 1942.

The Board's hopes for the gradual termination of the practice by Municipalities of funding this type of expenditure has therefore been justified.

## ASSESSMENT APPEALS

There were eleven Assessment Appeals to the Board during 1942, pursuant to Section 84 of "The Assessment Act" (R.S.O. 1937, C. 272), involving property assessed at $839,592.94. Of this number three appeals were withdrawn, formal hearings were held in regard to three, one was decided by consent, on written submissions, and four were held over for hearing in 1943.

Copies of the Board's written decisions will be found in the Summary, indexed under "Assessment Appeals," "Decisions of the Board," and also under the names of the Parties.

## VALIDATION OF MUNICIPAL BY-LAWS AND DEBENTURES

(Section 64 of Part IV, R.S.O. 1937, C. 60)

66 Applications were made to the Board in 1942 for validation of Municipal By-laws and certification of the debentures authorized thereunder. The total of such debenture issues was $1,968,792.28.

While purchasers of debentures are frequently satisfied with Orders of the Board under section 70 of the Board's Act, it has been found, particularly in regard to the larger issues, that a further Order of the Board validating the By-law and providing for certification of the debentures, facilitates the marketing of the issue.

## PLANS OF LAND SUBDIVISIONS

Under "The Planning and Development Act" (R.S.O., 1937, C. 270, (amended O.S., 1941, C. 55, s. 24), "The Land Titles Act" (R.S.O. 1937, C. 174, section 112) and "The Registry Act" (R.S.O., 1937, C. 170, Section 83 (15),) 87 plans were presented to the Board for approval and certification.

## PROVINCIAL RAILWAYS

Extensions of and improvements to Railways operating under Provincial Charter during 1942, as reported to the Board will be found in the Summary, arranged alphabetically under the names of the several systems reporting.

Annual Reports, to December 31st, 1942, by Railway Companies under the Board's jurisdiction were received, of which a summarized tabulation has been prepared for publication herein. The Board has no means of auditing these reports as received and cannot herefore guarantee that the figures taken therefrom are correct or accurate.

Under "The Railway Act" there were 26 applications to the Board in 1942.

A tabulation of Accident Reports received by the Board from Provincial Railways during the year 1942 is included in the Summary and shows that 17 persons were killed and 1157 injured during the year.

## PUBLIC VEHICLE AND COMMERCIAL LICENSES

Pursuant to "The Public Vehicles Act" (R.S.O. 1937, C. 289), and "The Commercial Vehicle Act" (R.S.O. 1937, C. 290), no Public Vehicle or Commercial Vehicle license, respectively, may be issued by the Department of Highways without the approval of the Board being first obtained as evidenced by a Certificate of Public Necessity and Convenience of the said Board furnished to that Department, and then only in accordance with such Certificate. Upon the granting of a Certificate by the Board the Department may then, in its discretion, issue or refuse a license.

The Board set aside 25 days during the year for hearing the applications for Certificates of Public Necessity and Convenience. In addition the Board has set aside each Friday morning to deal with the matter of transfers and other details brought before it by the Public Vehicle Division.

During the year 44 applications were made for Public Vehicle Licenses and 592 for Commercial Vehicle Licenses. These include applications for extensions to and clarification of existing licenses, and the following is a classification of these and disposition made of same:—

| | P.V. | A. | B. | C. | D. | E. | F. | H. | School Vehicle | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| Applications Received | 44 | 15 | 4 | 75 | 44 | 120 | 182 | 6 | 146 | 636 |
| Applications Granted | 31 | 9 | 3 | 40 | 27 | 101 | 132 | 2 | 145 | 490 |
| Applications Dismissed | 4 | 5 | ... | 27 | 8 | 5 | 30 | 2 | ...... | 81 |
| Applications Cancelled | .... | .... | .... | .. | 2 | 6 | 11 | .. | 1 | 20 |
| Applications Withdrawn | 3 | .... | .... | 2 | 7 | 1 | ...... | 2 | ...... | 15 |
| Applications Reserved | 6 | 1 | 1 | 6 | .... | 7 | 9 | .. | ...... | 30 |

In supporting an application before the Board the applicant may appear in person or be represented by his Solicitor, or, under exceptional circumstances, if unable to attend, may submit evidence in the form of letters, petition or affidavits. The Board hears and considers the evidence for and against and also takes into consideration the facilities extended by existing licensed operators and its decision is based on whether public necessity and convenience requires the service for which the application is made. The Board has required that sufficient evidence be filed with each application for a license or extension to a license to justify the application being listed for hearing. This has tended to shorten the list as well as to insure that applications are supported when listed for hearing.

All transfers of Public Vehicle and Public Commercial Vehicle licenses are subject to the approval of the Board and care is taken to prevent anything that might appear to be trafficking in licenses. Transfers of important licenses are usually made the subject of a Hearing and evidence is heard for and against.

Through the co-operative efforts of the Department of Education and the Public Vehicle Division of the Department of Highways, an effort was made to have all motor vehicles carrying school children licensed under a school bus permit. These applications were dealt with by the Board and permits issued for which no fees were charged and the result has been that 146 School Bus applications were received during the year. Of these 145 were granted and 1 cancelled. The chief objective of this effort has been to require all such vehicles to carry insurance as provided by "The Public Vehicle Act."

During the year the Federal Government has exercised certain controls due to the exigencies of War:—

1. Administrator of Services—exercises a control over the licensing and operations of trucks in the interests of conservation of gasoline and rubber. The Board has conferred and collaborated with the Administrator and a representative of the Administrator attends the hearings of the Board re the applications for Public Commercial Vehicle Licenses. The Administrator of Services also exercises a control over any increase in rates of public utilities.

2. Transit Controller—exercises a control over Public Vehicle operations such as buses and street railways. The Controller is interested in conserving equipment, reducing non-essential travel, reduction in fares that might react in increased riding, elimination of duplicating transportation agencies.

3. A conference was held at Ottawa with representatives present from various Departments of the Federal Government, Interstate Commerce Commission, Washington, Customs and Immigration of the United States, Department of Highways of Ontario, and the Municipal Board re the use of Highways through Southwestern Ontario for the transportation of United States war materials in bond by truck from one port of entry to another. An agreement was reached, regulations drafted and approved resulting in applications being dealt with by the Board and temporary certificates issued on the basis of which the Public Vehicle Division of the Motor Vehicles Branch of the Department of Highways has granted permits and is regulating the traffic.

## RESTRICTED AREAS

Under Section 406 of "The Municipal Act" (R.S.O. 1937, C. 266) (as re-enacted by O.S. 1941, C. 35, s. 13) the Board considered 27 applications for approval of Municipal By-laws placing restrictions on certain areas as to use of land, the erection and use of building thereon; also, 54 applications for variation of restricted areas already established. The applications granted are shown in the Summary in the list of "Orders issued by the Board."

## FORMS

The Board has (for distribution to parties interested) the following forms and specifications, namely:—

1. The Board's Rules of Practice and Procedure and Practice Forms.
2. Regulations, Specifications and Forms respecting Railways.
3. Standard Specifications for Bridges, Viaducts, Trestles or other structures.
4. Memorandum of material required in support of application for approval of undertaking of capital expenditure involving debenture issue, under section 70 of "The Ontario Municipal Board Act" (R.S.O. 1937, C. 60).
5. Forms of By-laws and Notices which may be used when carrying out the provisions of sections 280 and 305 of "The Municipal Act" (R.S.O. 1937, C. 266) in respect of voting on Money By-laws.
6. Forms for Annual Reports by Railway Systems.
7. Forms for Reports as to Examination of Motormen.
8. Forms for Reports of Accidents by Railway Systems.
9. Directions for guidance of applicants under subsection (2) of section 407 of "The Municipal Act."
10. Tariff of the Board's Fees.
11. Forms under "The Planning and Development Act" with directions for guidance of applicants thereunder.
12. "The Telephone Act."
13. Form of Annual Report to be furnished to the subscribers to a Telephone System established under Part II of "The Telephone Act."
14. Instructions for preparation of Annual Report as mentioned in No. 13.

15. Pamphlet containing information regarding Municipal Telephone Systems, and including:—
    (a) Form of By-law providing for the establishment of a telephone system under Part II of "The Telephone Act."
    (b) Form of By-law providing for the issue of debentures to pay for the cost of establishing a telephone system under Part II of "The Telephone Act."
    (c) Form of Account for use by Telephone Companies using the "Discount System of Collections."
    (d) Form of Municipal Debentures—Instalment Plan.
16. Form of By-law to regulate the management and operation of a telephone system established under Part II of "The Telephone Act" (draft form).
17. Draft Form of By-law to regulate the management and business of a telephone company.
18. Form of Petition praying for the establishment or extension of a telephone system under Part II of "The Telephone Act."
19. Form of By-laws granting to a telephone company the right to use the highways of a Township.
20. Form for Return by Municipality, operating a telephone system.
21. Form for Return by Company, etc., operating a telephone system.
22. Form for Tariff of Tolls for telephone system.
23. Form for return by Telephone Companies required by Order of the Board to set up a reserve for depreciation.

## MISCELLANEOUS MATTERS UNDER THE BOARD'S JURISDICTION

Copies of the Board's written Decisions and a list of Orders issued in 1942 appear in the Summary. These relate to—

Annexations—Sections 16 and 20 of "The Municipal Act."

Arbitrations—Section 79 of "The Highway Improvement Act" and "The Power Commission Act."

Assessment Appeals—Section 84 of "The Assessment Act."

Assessments, Fixed—Section 405 (1), paragraph (b) of "The Municipal Act" (as re-enacted by O.S. 1941, C. 35, s. 12 s.s. (1).)

Bridges, Repairs to—Section 483 of "The Municipal Act."

Extension of Debenture Issue Period—Section 305 (11) and (12) of "The Municipal Act."

Extension of Municipal Utilities—Section 407 (2) of "The Municipal Act."

Extension of Time to pass By-law—Section 295 (5) of "The Municipal Act."

Floating Indebtedness—Authority to Municipalities to issue debentures for—Section 59 (d) of "The Ontario Municipal Board Act."

Highways—Closing of by Department of Highways—Section 79 (a) of "The Highway Improvement Act."

Highways (County)—Abandonment of Part of—Section 468 (3) of "The Municipal Act."

Highways, Narrow—Section 502 (2) of "The Municipal Act."

Increased Borrowings by Municipalities—Section 339 (2) of "The Municipal Act."

Legislation, Special—Approval of By-laws under.

License Fee, approval of fixing of, to residents of a Municipality owning and using a bicycle on any highway thereof—Section 420 (11) of "The Municipal Act."

Local Improvements, approval of undertaking of and passing of a By-law therefor—Section 8 of "The Local Improvement Act."

Local Improvements—Abandonment of Part of Work—Section 18 of "The Local Improvement Act."

Local Improvements—Approval of By-law providing for paving of Lane—Section 29 (3) of "The Local Improvement Act."

Local Improvements—Apportionment of cost of—Section 27 (3) of "The Local Improvement Act."

Ontario Municipalities Fund—Section 330 of "The Municipal Act" (as re-enacted by O.S. 1941, C. 35, s. 9).

Parks—Setting aside part of for Athletic purposes—Section 12 (6) of "The Public Parks Act."

Plans (Land Subdivision) approval of—"The Planning and Development Act," "The Land Titles Act" and "The Registry Act."

Railways (Provincial) orders respecting.

Restricted Areas, approval of By-laws for establishment of—Section 406 of "The Municipal Act" (as re-enacted by O.S. 1941, C. 35, s. 13).

Restricted Areas, repeal of, or amendments to—Section 406 of "The Municipal Act" (as re-enacted by O.S. 1941, C. 35, s. 13).

Retirement of unmatured debentures—Section 59 (dd) of "The Ontario Municipal Board Act" (as enacted by O.S. 1939, C. 47, s. 26 (1).)

Sinking Funds, use of Surplus and authority to dispense with further levy for, where amount in Sinking Fund sufficient—Section 321 (a) and (b) of "The Municipal Act" (as enacted by Section 18, O.S. 1939, C. 30).

Supervised Municipalities, Supervision—Part III of "The Department of Municipal Affairs Act."

Supervised Municipalities Refunding Plans—"The Department of Municipal Affairs Act."

Tax Rate, approval of further debt and levy therefor—Section 315 (2) of "The Municipal Act."

Validation of Municipal Debentures—Section 64 (Part IV) of "The Ontario Municipal Board Act."

Vote of Electors, applications to dispense with—Section 69 of "The Ontario Municipal Board Act."

M. B. SANDERSON,
Acting Secretary.

# THE ONTARIO MUNICIPAL BOARD

## REPORT OF THE INSPECTOR OF TELEPHONE SERVICE FOR THE YEAR 1942.

The following applications under the provision of "The Telephone Act" (R.S.O. 1937, Chaper 261) were dealt with by the Board in 1942:

| | |
|---|---|
| Under Section 51: For an Order approving appointment of Commissioners to fill vacancy | 3 |
| Under Section 56: For the approval of by-laws of a municipal telephone system | 10 |
| Under Section 58: For an order prescribing the date for holding the annual meeting of subscribers | 6 |
| Under Section 70: For the approval of municipal by-laws granting the right to erect poles and wires upon the highways | 7 |
| Under Section 87: For the approval of by-laws of a telephone company | 6 |
| Under Section 96: For the approval of agreements providing for interchange of service | 4 |
| Under Section 101: For the approval of sale of telephone systems | 7 |
| Under Section 103: For the approval of charges for telephone service | 19 |
| Under Section 109: For authority to expend a portion of the moneys set aside for depreciation, upon new construction or extension or in the purchase of securities | 31 |
| Total Number of Applications | 93 |

The continued policy of the Board in endeavouring to secure an amicable settlement in matters in dispute between the applicant and respondent has proved successful in the majority of cases.

In addition to the applications and complaints referred to, a vast amount of correspondence relating to telephone matters has been dealt with by the Board's Telephone Department, through the medium of which much information and assistance has been given to municipalities, companies and other persons interested, and many difficulties which might otherwise have necessitated a formal application and public hearing have been satisfactorily adjusted.

During the year the following changes were made in the Board's records of Telephone Systems coming within its jurisdiction:

A new telephone company to be known as the Red Lake Telephone Company, Limited obtained Letters Patent of Incorporation.

The Northern Telephone Company, Limited, acquired the Telephone System of the Municipality of Hilliard, comprising 28 telephones.

The entire undertaking of The Adelaide Telephone Company, Limited, and The Falkirk Telephone Company, Limited, was acquired by Mr. Delmar Gregory Wadsworth who is operating the combined systems under the name of The Falkirk Telephone System.

The undertaking of The Lambton Telephone Company, Limited, was acquired by Mr. Clarence R. Hedegard who is operating the System under the name of the Lambton Telephone Company.

The number of telephone systems within the jurisdiction of Ontario of which the Board has record is 570, operating 126,576 telephones, 31873 miles of pole lead carrying 205,043 miles of wire and representing an investment of over $12,000,000.

There are ten systems owned and operated by municipalities under the provisions of Part I of "The Telephone Act" viz: the Cities of Fort William and Port Arthur, the Towns of Cochrane, Dryden, Fort Frances, Kenora, Keewatin and Rainy River, and the Townships of Alberton and Caledon.

One hundred and twenty systems are now established and operating under Part II of "The Telephone Act" and furnishing service in two hundred and seventy-seven towns, villages and townships.

There are seventy-one systems owned and operated by individuals or partnerships of less than five persons, three hundred and fifty by Incorporated Telephone Companies, eleven by Incorporated Companies other than Telephone Companies, and eight by Federal and Provincial Government Departments and Commissions.

In addition to the before mentioned systems, the Forestry Branch of the Department of Lands and Forests is operating an extensive system in connection with its work of fire prevention. This system comprises 764 telephone stations, 2,014 miles of pole lead, 1,193 miles of tree line, and 5,851 miles of wire, the total investment being $318,131.10.

Detailed statistics and other information relative to these systems will be found in the appendix to this report, entitled "Telephone Systems, 1943."

JAS. A. McDONALD,
Inspector of Telephone Service.

# *ABSTRACT AND SUMMARY*

# DECISIONS OF THE BOARD

## ARBITRATIONS

P.F. B-179

IN THE MATTER of Section 79 ,of "The Highway Improvement Act" (R.S.O. 1937, Chapter 56),

AND IN THE MATTER of the fixing of Compensation to be paid to (Mrs.) Catharine H. Abohbot by the Department of Highways of the Province of Ontario, in respect to the expropriation of Parts of Lots 113 and 114, Registered Plan Number 35, City of Niagara Falls, in the County of Welland and Province of Ontario.

BETWEEN:

MRS. CATHARINE H. ABOHBOT,
Claimant

—and—

THE DEPARTMENT OF HIGHWAYS OF THE PROVINCE OF ONTARIO
Respondent

COUNSEL:

C. F. H. Carson, K.C., and
W. J. McBurney.............For the Claimant

G. W. Mason, K.C., and
J. D. Arnup.............For the Respondent

### BOARD'S DECISION

THIS IS AN ARBITRATION resulting from the expropriation by the Department of Highways of Ontario of the north-easterly corner of Newman Hill and River Road, being Lot Number 114 in Plan 35 of the City of Niagara Falls. The said lands were owned by the Claimant and on the south-easterly portion thereof was constructed a two-storey brick building, the lower storey of which was occupied by the Claimant as a gift shop, and the upper storey of which was occupied by her as an apartment. On the north-westerly part of the said land was constructed a one-storey tile building occupied by the Claimant's son, Winston Abohbot, as a restaurant. On the rear or westerly portion was constructed a storage building and a garage with a ramp leading up to it.

A bridge known as the Honeymoon Bridge spanned the Niagara River opposite Lot 110 on the westerly side of the River Road which street extended from Clifton Hill along the westerly bank of the Niagara River. The Niagara Parks Commission owned the lands south of Clifton Hill extending southerly along the westerly bank of the river opposite the American Falls, past the Horseshoe Falls and the rapids above the Falls. These lands were developed to a high degree as gardens, walks and drives, and there had been constructed thereon the Table Rock House, the Refectory and the Administration Buildings, all of which were in keeping with the surroundings. With the exception of buildings at the bridge approach, and the rails of the International Railway, there were no erections on the east side of the River Road. On the west side of River Road, from the corner of Clifton Hill, were the Clifton Hotel site, having a frontage on River Road of 397 feet, next northerly was the site of the Lafayette Hotel, having a frontage of 62 feet on River Road. The next porperty, Lot 110, was owned by the International Railway Company and was vacant except for a small building about the centre of the lands. The lot was directly opposite the approach to the bridge. The next lot northerly was owned by the Canadian National Railways on the northerly portion of which had been constructed a pretentious building known as the Tower Inn. On the north side of Tower Inn was Newman Hill, a new street which had been opened about 1929. On the northerly side of Newman Hill and fronting on the River Road was the Claimant's property, on which were constructed, in 1932, the buildings before mentioned. On the northerly part of the block and extending to Alma Street was constructed a large building owned by one Melbourne, the front portion ground floor of which was occupied as a restaurant and gift shop and the upper floor as a dance hall. On the north side of Alma Street were two buildings owned by one Garzo and between these two buildings was a vacant lot occupied in the summer as a soft drink stand and covered with a canopy. On the north-east corner of this block was a gas station owned by the Imperial Oil Company.

Prior to 1928 a new street known as Falls Avenue was opened and constructed some distance west of River Road and extended from Bender Street to Clifton Hill. Shortly after the opening of this street, it was continued through the Park Commission lands as a driveway. In 1929 the General Brock Hotel was built on Falls Avenue. In 1932 the International Railway Company ceased operations, and in the same year the Clifton Hotel was destroyed by fire. During the fire, the Lafayette Hotel was damaged, but was immediately afterwards repaired and continued to carry on business. On June 1st, 1933, the Clifton Hotel site, having a frontage of 397 feet on River Road and extending westerly to Falls Avenue, was purchased by the Welland Securities Company, a company owned by Mr. Harry Oakes, now Sir Harry Oakes, for $200,000.00. About the same time the Lafayette Hotel was purchased by the Welland Securities Company for $100,000.00. The purpose of these purchases was for the conveyance of the lands to the Niagara Parks Commission for the erection of a Garden Theatre to be called the Oakes Garden Theatre. Until the time of the fire, the first floor of the Clifton Hotel had been used as stores for the sale of souvenirs and china and as a large restaurant. After the fire, some of these businesses were removed to Falls Avenue and Clifton Hill, others were discontinued.

After the International Railway ceased to operate in 1932, its right of way along the River Road and through the Parks Commission land was taken over by the Parks Commission. The tracks on River Road were removed, the street was widened and improved, and a stone fence was built along the easterly limit of the street. On the 22nd day of January, 1938, the Honeymoon Bridge collapsed, and from that time until the date of expropriation, traffic from the United States was compelled to use the lower bridge and the Queenston Bridge. The business done on the property of the claimant was entirely with tourists who purchased souvenirs on which there was a very large profit.

The Claimant's property had a frontage of 77.10 feet on River Road and extended westerly 164.75 feet along Newman Hill. A cement block garage and a frame building used as a storehouse were erected on the westerly portion of the land. The rock came to the surface on the westerly portion and there was some grade on Newman Hill.

H. W. Caswell, a local real estate agent, was called by the Claimant. He said that he had no experience in the sale of land along the River Road in Niagara Falls, that the real estate business in that section of Niagara Falls had been at a stand-still for ten years, and that he had therefore refused to take listings. He refused to rely on the Clifton sale because it was a large block of land and it would be unwise for any person to purchase the land as an investment. He did consider and rely on the sale of the Lafayette Hotel to the Welland Securities Limited as being applicable, but he treated it as a sale of land only. In his opinion the Abohbot property was a more valuable property than the Lafayette property by reason of its shape. He treated the Lafayette sale as the sale of 62 feet of land fronting on River Road at $1,600.00 per foot. He placed a value on the corner shop belonging to the Claimant 50 by 100 feet at $1,500 per foot or $75,000.00, on the northerly 27.10 feet by 100 feet of $1,200.00 or $32,520.00, and the rear of the land, having a frontage of 64.75 feet on Newman Hill of $500.00 per foot or $32,375.00, a total valuation of the Abohbot property at $139,895.

In the opinion of this Board it would be only fair in analysing the sale of the Lafayette property to take into consideration the following facts: This property was required by Mr. Oakes, of Welland Securities to round out, in connection with the purchase by him of the Clifton site, a location for the Oakes Garden Theatre to be erected by the Parks Commission. On the Lafayette property was a four storey brick hotel which had been damaged to some extent at the time of the Clifton fire, but which was immediately repaired and continued operation. It was in competition with the General Brock Hotel in which Mr. Oakes had an interest. In the assessment of this property for 1932, the lands were assessed at $14,500.00 and the buildings for $41,500.00. The property has a frontage of 62.51 feet on River Road and extended to Falls Avenue, having a frontage on Falls Avenue of 18 feet. Williams, the owner of the Lafayette Hotel, was being pressed for payment of some creditors.

The Clifton site immediately adjoining the Lafayette to the south and extending to Clifton Hill, by far the most valuable site in Niagara Falls, having a frontage of 397 feet on River Road and extending the full width back to Falls Avenue and along Clifton Hill, was sold at approximately the same time for $200,000.00. To consider the Lafayette sale as a sale of land only for $100,000.00, would give that land a value of $7.70 per square foot while the Clifton sale at $200,000.00 would give that land a value of $1.44 per square foot. To value the Abohbot property at $139,895.00 would give that property a value of $11.04 per square foot.

C. R. DeMara, a Toronto realtor, was also called by the Claimant. He placed a value on the Abohbot property as shown on Exhibit 59. He had no experience in the sale of land along the River Road in the City of Niagara Falls, but had purchased a property for one of his clients on Queen Street in the City of Niagara Falls. He is a realtor of wide experience. In his opinion there had been no sales in the River Road section of Niagara Falls which would be of much assistance to him. He did consider the sale of the Lafayette and Clifton sites treating the Lafayette sale as a sale of land only having a frontage on River Road of 62 feet at $100,000.00 and the Clifton site as a sale of land only having a frontage of 397 feet on River Road at $200,000.00. He dealt with these as one sale of 460 feet on River Road frontage of $300,000.00. He said that he broke this sale up and gave to the Falls Avenue frontage one-quarter and to the River Road frontage three-quarters of the sale price, and from that he placed a value of $750.00 per foot for the southerly 100 feet on River Road, $400.00 per foot for the inside 260 feet, and $450.00 per foot for the northerly 100 feet of this property. He said that he gave the northerly one hundred feet a higher price than the middle portion because it had some corner value. At the time of the sale of his property, the Honeymoon Bridge crossed the river almost directly opposite this property. He said that in his opinion after these sales, all the business area of this section of Niagara Falls had been moved north some 460 feet and that the Abohbot property had immediately become the focal point, as he called it, in that section of Niagara Falls. He did not consider the lands between the Lafayette property and the Abohbot property as being much competition to the Abohbot property, although the Canadian National Railway property immediately south of the Abohbot property (Newman Hill intervening), had been developed by the erection of the Tower Inn which was used by the railway as a terminal ticket office, restaurant and gift shop. He placed a base value of $400.00 per foot for the River Road frontage and in his opinion the base value of the Abohbot property was two to two and a half times this amount or a value of $900.00 per foot as an inside lot. He could give no basis for this opinion except his experience. In Exhibit 59 DeMara makes three valuations, A, B and C. In A he arrives at a valuation for the Abohbot lands by summation at $127,220.00. This included the addition by him of a plottage value of 10% on $115,660.00 being the sum of $11,560.00. In his cross examination he admitted that this $11,560.00 should not have been added and that his total valuation should have been $115,660.00. He valued the easterly 100 feet having a frontage of 77 feet on River Road at $900.00 per foot making a total of $69,300.00, and to this he added for corner influence a further $24,000. He valued the rear portion of this property having a frontage on Newman Hill of 65 feet at $22,360.00, giving to that property a value of $344.00 per front foot for 65 feet by 77 feet in depth. His valuation B is a valuation by capitalization of income. In that valuation he erects on the rear portion of the lands five stores from which he estimates the owner shall receive a rental of $4,650.00 per year. He estimates the rental value of the Gift Shop property at 15% of the average gross sales for 1936 to 1940 or $4,200.00 per year. He estimates the rental value of the restaurant and outbuildings at 15% of the gross sales or $3,600 per year. He estimates the rental value of the upstairs apartment at $1,800.00 per year or a gross rental value for the present buildings of $9,600.00 per year in addition to his estimated rental of $4,650.00 per year for the five stores which he would erect, and arrives at a valuation for the land and buildings to $180,440.00. His valuation C is arrived at by capitalization of income. In C he does not build the five stores on Newman Hill frontage, but divides the store occupied by Mrs. Abohbot having a frontage of 46 feet 4 inches on River Road, into three stores with frontage of 18 feet, 14 feet and 12 feet from which he estimates the owner would get an annual rental of $5,900.00. He estimates that the owner would receive from the restaurant property occupied by the son a rental of $3,000.00 per year and for the apartment over the gift shop $1,200.00 per year or a total gross annual income of $10,100.00. From this, after deducting expenses, by capitalization at 5%, he arrives at a value for the land of $145,534.00. In neither B nor C has he added the value which he places on the garage, storage building and ramp erected at the rear of the premises. In A he valued these at $1,112.25. In cross examination Mr. Mason called his attention to the fact that his total valuation A of land and buildings was $164,057.00. This included $1,112.25 for the outbuildings and ramp. Deducting $1,112.25 from this total valuation of $164,057.00 would give his valuation in A of $162,945.00. Add his valuation B by capitalization of income $180,440.00 to valuation C by capitalization of income $145,534.00, and dividing by two, would give the average valuation in B and C of $162,987.00. Is this a co-incidence as claimed by DeMara or did he take as a basis for his valuation A the average of the two capitalizations B and C of income? In cross examination he reduced his valuation of $145,534.00 to $120,339.00.

It is admitted that the Abohbot property was properly developed. Mrs. Abohbot said that after the death of her husband in 1936, she was able to operate her store to better advantage and that she made higher profits by reason of that. Her average profits in four years from 1936 to 1940 was $5,921.80. In this nothing was allowed by her for rent or her own services. Mrs. Abohbot says that she made all of the purchases and managed the store. She had average gross sales during those four years of $28,048.13 and an average annual gross profit of $5,921.80 (Exhibit 29). This business was mostly the handling of china and souvenirs, most of which sales would be of small value. To charge a reasonable salary of even $1,500.00 and a reasonable amount for depreciation, say $500.00, and a rent as suggested by DeMara of $4,200.00 would mean an annual net loss of $278.20. Under the circumstances the property being properly developed, the business being well managed, could it reasonably be suggested that a tenant could pay a rental of $4,200.00 per year? Hand who operated three stores in the block north of the Abohbot property, and which three stores had a frontage of 46 feet, paid $1,000.00 per year for each store or $3,000.00. Could it reasonably be suggested that a person would rent the restaurant building having a frontage of only 31 feet just south of the Hand stores for $3,600.00 per year. Could it reasonably be suggested that any person would pay $1,800.00 per year rental for the apartment over the gift shop situated in that section of Niagara Falls? Could it reasonably, in the face of the evidence, that there were not sufficient stores on River Road to take care of the tourist business, and that there was no local business in that section, that a person could rent five stores on Newman Hill on which there was very little, if any traffic, for $4,650.00 per year? Under these circumstances could it be expected that this property would rent for sufficient money to pay the owner a reasonable income on $180,000.00 or $167,000.00 or even $155,000.00.

Caswell and DeMara were witnesses for the claimant who attempted to fix a value for the land.

For the respondent, R. C. Young, a local realtor, valued the Abohbot land at $350.00 per foot frontage or $26,950.00. In placing these valuations on the lands, he took into consideration the Clifton and Lafayette sales and the Carzo and Imperial Oil properties settlements between the owners and the Department of Highways, and has knowledge of conditions in that part of Niagara Falls. He says that from 1933 to 1940 there were no sales of any lands in that area. He pointed out that the lands of the International Railway Company and part of the lands of the Canadian National Railway were vacant and remained vacant during those years, and that a lot fronting on River Road in the Garzo block had remained vacant except for the erection of a soft-drink stand covered with canvas; that the sales made between 1926 and 1932 had been at the highest prices known in that section of Niagara Falls, and that the prices had not been as high since 1932. He knew all of the buildings on River Road and their value. He knew the Lafayette Hotel and considered it a valuable hotel, situated as it was on River Road almost directly opposite the bridge entrance. In his opinion the collapse of the Honeymoon Bridge in 1938 had a very detrimental effect on properties in that area and that even with the improvements that had been made on River Road during the ten or twelve years prior to 1940, properties in the area were less valuable after the collapse of the bridge than they had been before. In analyzing the sale of the Lafayette, he felt that it was fair to divide $100,000.00, the sale price, between the building and the land in accordance with the assessment on the buildings and lands, giving to the buildings a value of $70,000.00. He analyzed the Clifton and Lafayette sales as a sale of land only for $230,000.00. He divided the River Road frontage valuations of this property as follows:

The southerly 100 feet at $500.00 per foot.
The next 260 feet at $400.00 per foot.
The northerly 100 feet at $450.00 per foot.

He gave the northerly 100 feet an extra $50.00 a foot value because of corner influence and the fact that it was almost directly opposite the bridge. He said that in his opinion the frontage owned by the International Railway Company and by the Canadian National Railway was much more valuable than the Abohbot frontage. He valued the Melbourne property immediately north of the Abohbot property at $300.00 per foot and the Garzo frontage at $270.00 per foot as of 1940. He said that the Melbourne property had been purchased in 1925 at $294.00 per foot and that that was the highest price ever paid for River Road frontage. In his opinion the improvements on River Road and the taking of the Clifton and Lafayette properties out of business competition did not counteract the loss to the Abohbot property by the collapse of the bridge.

W. H. Bosley, realtor of Toronto, placed a value of $350.00 per foot or $26,950.00 on the Claimant's land although in his opinion that price could not be obtained in the open market. He criticized the market value of $125,000.00 for the land placed by DeMara on page 1 of Exhibit 59, and pointed out that the Clifton site was ten times the size of the Abohbot property and therefore if DeMara's valuation was right, it should have been sold for $1,250,000.00 instead of $200,000.00. In his opinion the value of the Abohbot site was increased to some degree when the Oakes Garden Theatre was built upon the site of the Clifton and Lafayette Hotels. He said that the business formerly carried on on these sites had been decentralized. He considered all of the sales in the vicinity and was of the opinion that they had some bearing on the valuation. He analyzed the sales of properties in the vicinity. In the sale of the Lafayette property at $100,000.00, he did not treat this as a sale of land alone but considered that the building should be treated as of value to the land. It was a four-storey brick building being operated as a hotel, and from his conversation with Young and the other valuators who knew something of the value of the Lafayette Building, he was of opinion that the fairest way would be to divide the sale price of $100,000.00 into the ratio of the assessment of land and buildings. To arrive at the division of $100,000.00, he relied on the judgment of Young as to the value of the buildings, and the assessment. In 1933 the land was assessed at $14,500.00, buildings were assessed at $41,500.00. After the sale to the Welland Securities Company, the land assessment was increased to $21,700.00. This was reduced upon appeal to $18,000.00. In his computation Bosley took the assessment of the land at $18,000.00 and the assessment of the building at $41,500.00, and arrived, on a division of $100,000.00 in those proportions, at $30,000.00 for the land and $70,000.00 for the building. This gave a square foot value to the land of $2.30. He placed an average value on Falls Avenue frontage on the Clifton and Lafayette sites of 388′6″ of $80.00 a front foot or $31,080.00. He then broke up the River Road frontage and valued the southerly 100 feet at $500.00 per foot, the next 260 feet at $400.00 per foot, and the next 100 feet at $450.00 per foot or a total of $199,000.00.

(In his evidence, DeMara treated the Lafayette sale as a sale of land only. In DeMara's opinion the River Road frontage was three-quarters of the value and the Falls Avenue frontage was one-quarter. He broke up the valuation of the River Road frontage as follows:

$750.00 per foot for the southerly 100 feet.
$400.00 per foot for the next 260 feet.
$450.00 per foot for the northerly 100 feet.)

DeMara and Bosley arrived at the same valuation for the inside land.

Bosley's analysis in the end gave him a square foot valuation as follows:

| | |
|---|---|
| Clifton site<br>(This was a large block of land without buildings). | $1.44 |
| Lafayette | 2.30 |
| Melbourne | 2.11 |
| Garzo | 2.11 |
| Imperial Oil | 1.00 |

When the Abohbot 10 feet was expropriated in 1932, the valuation allowed by the Board worked out at $2.00 per square foot for the land taken. In Bosley's computation, he found that the frontage valuation of the sales analysis were as follows:

| | |
|---|---|
| Imperial Oil | $140.00 |
| Garzo (from Imperial Oil) | 133.00 |
| Garzo (from Davidson) | 200.00 |
| Garzo (from Manufacturers' Life) | 248.00 |
| Melbourne<br>(Young says that this was the highest price paid for frontage on River Road up to that time.) | 294.00 |
| Clifton and Lafayette sites | 432.00 |

Evidence was given as to the traffic to and from the United States over the Bridges spanning the Niagara River both before and after the fall of the Honeymoon Bridge and as to the business done by other merchants in the vicinity, and rentals paid.

In 1932 ten feet of the frontage of the Abohbot property was expropriated by the Parks Commission for the purpose of widening the River Road and the compensation to be paid therefore was submitted to this Board, although at that time differently constituted. In the award, a copy of which was filed as Exhibit 104, the Board found on page 2:

> "………… There was considerable evidence as to the value of the whole of the land, but the evidence both of the Claimant and of the Respondent rather established the value of the land in question at $22,500.00. The land, if taken from the front of the lot and placed in the rear as suggested by the solicitor for the Respondent, would have a frontage of ten feet on Newman Hill Street, and would be worth $100 a foot or $1,000.00 according to the admission of Counsel for the Respondent.

> "The Board is of the opinion that it would hardly be fair to the Claimant to take ten feet of his property from the front of the land and give it that value which would be the least that could be given to any part of his land, and although it does not deprive the Claimant of the frontage on River Road, yet this Board is inclined to give to the ten feet expropriated a valuation of $150.00 a foot or $1,500.00."

The Abohbot property valued at $22,500.00 as above would give a valuation for the 77.10 feet frontage of $290.00 per foot. Has this land increased in value between 1932 and 1940 to such an extent as to warrant Caswell in placing a value of $500.00 per foot for the 64.75 feet frontage at the rear on Newman Hill or $1,500.00 per foot frontage on River Road for the southerly 50 feet and $1,200.00 per foot for the northerly 27.10 feet or to warrant DeMara in placing a valuation of $900.00 per foot plus $310.00 per foot for the 77'10" frontage on River Road or $344.00 per foot for the 65 feet frontage on Newman Hill? After the date of the above award the Clifton and Lafayette Hotel sales had been made, the Oakes Garden Theatre was constructed, the International Railway Company ceased operation and the tracks had been removed, the River Road frontage had been improved and widened, the gift shop and restaurant business formerly carried on in the Clifton and Lafayette buildings had been shifted to other locations or ceased operation, a new gift shop had been opened by the Parks Commission near the bridge entrance, the Honeymoon Bridge collapsed, the new Abohbot building had been constructed, and business conditions throughout Canada and the United States had improved.

In her evidence, Mrs. Abohbot said that during the lifetime of her husband, she had not been allowed to increase and improve her stock of merchandise as she wished, but after his death in 1936, her stock had improved and from that time on her business increased. She said she "did it all myself and with great difficulty got it to the place where I knew I owned that." It must not be overlooked that in 1932, during the lifetime of Mr. Abohbot, the new building was constructed.

James R. Mathews, the accountant who prepared the Applicant's income tax return, carried the Abohbot property both land and buildings in those returns at $40,000.00. In preparing the Succession Duty Affidavits for her husband's estate, Mrs. Abohbot valued this property at $25,000.00 because she said that Mathews said that it would be difficult to sell the property and $25,000.00 would be reasonable.

The Board has carefully considered all of the evidence adduced and has read and considered the following authorities cited by counsel in argument:

Frazer vs. Frazerville, 1917 A.D., 187.
Lennox vs. Toronto Board of Education, 58 O.L.R. 427.
Pastoral Finance vs. The Minister, 1914, A.C. 1083.
Schooley vs. Lake Erie & Northern Ry., 53 S.C.R. 416.
King vs. Spence, 1939, Ex. Ct. Rep. 340.
Russalt vs. The King, 1929, Ex. Ct. Rep. 8.
King vs. Goldstein, 1924, Ex. Rep. 55.
Meyer vs. Toronto, 30, O.L.R. 426.
Forbes vs. Toronto, 65 O.L.R.
Cripps on Compensation, 8th Edition.
Torrance vs. Ontario, 52 O.L.R. 325.
Rex vs. Spencer, 1929, Ex. Ct. Rep.

The Board finds that the Claimant's property was properly developed and was well suited for carrying on the business which she operated and the business operated by her son. It would not have been wise to attempt a further development of the westerly portion of the lot having a frontage on Newman Hill, as this part of the property was of greatest value when used in connection with that part facing River Road. At the time of expropriation, there were sufficient shops to take care of all of the business being done in that section of Niagara Falls.

The Claimant's property was not, as stated by DeMara, the "focal point." It would have been much better situated had it been nearer to Clifton Hill.

The Claimant's business was practically obliterated by the expropriation and by reason of her physical condition. Mr. Hand who was carrying on the same class of business on on River Road and on Falls Avenue at the time of expropriation, immediately moved his stock from River Road to Falls Avenue where his business had been very successful. Mrs. Abohbot claims that during the four years between 1936 and 1940 she had average net profits from her business of $5,921.80. Whether this included the rentals paid by her son has not been shown. She did not take into account anything by way of salary for herself or rental. In the opinion of the Board, a fair rental for her premises would be $3,000.00 annually and a fair salary to manage such a business as she was carrying on would be $1,500.00, so that the result with reference to her average net profits would be as follows:

| | | |
|---|---|---|
| Average net profits | | $5,921.80 |
| Rent | $3,000.00 | |
| Mrs. Abohbot's salary | 1,500.00 | |
| | | 4,500.00 |
| Average net profits | | $1,421.80 |

The parties agreed on the valuation of the buildings at $35,000.00.

A claim for $14,976.64 was made by the Claimant for her stock-in-trade. The Respondent purchased the stock-in-trade on the 13th day of December, 1941, for $7,200.00. This purchase included premiums on insurance paid, cartage, storage and 10% on the invoice price of the said stock. A cheque for the said sum was sent by Messrs. Mason & Co. to Mr. Carson on the 15th day of January, 1942, and was immediately sent by him to Messrs. McBurney and McBurney, of Niagara Falls.

The parties agreed upon a valuation of $775.00 for the trade fixtures other than those attached to the lands, and the Board finds that the sum of $350.00 is an ample allowance for moving, packing, storage and insurance. These two amounts are hereby awarded to the Claimant.

During the course of argument the parties agreed upon the sum of $35,000.00 as the value of the buildings erected upon the Claimant's land including the outbuildings, concrete ramp and fixtures.

In fixing the value of the land the Board is of the opinion that the estimate formed by DeMara both by capitalization of income and by fixing a base value of $400.00 per foot frontage increasing that to $900.00 and adding to that $310.00, and fixing a price of $344.00 per foot frontage for the land on Newman Hill, is unreasonable and untenable and can not be substantiated. The Board must see that the Claimant receives proper and adequate compensation so that she will be neither richer nor poorer by reason of the expropriation. "The value to be ascertained is the value to the seller of the property in its actual condition at the time of expropriation with all existing advantages and with all its possibilities, excluding any advantages due to the carrying out of the scheme for which the property is compulsorily acquired." Toronto Suburban Railway vs. Everson 54 San. Sup. Ct. Rep. 395

In the opinion of the Board neither Bosley nor Young gave sufficient value to the Claimant's land to her, or to the improvements made in that area by the Niagara Parks Commission and the effect of those improvements on the Claimant's property. Her property was forcibly taken. It is impossible for her at her age and her physical condition to open a new store. Her home is gone. It might be true that she could not sell in the open market for $350.00 per foot for the land, but that is not the question to be decided by this Board. The Board must determine the value of the property to her at the time of expropriation with all its existing advantages and all its possibilities.

The Board after full consideration of all of the evidence, taking into consideration the value of the land to Mrs. Abohbot with its existing advantages and possibilities, and the fact that the land was forcibly taken from her, awards to her the sum of $40,000.00 for the said lands, which sum is sufficiently generous to allow for all its existing advantages and possibilities and for forcible taking except a further allowance of $5,000.00 to be awarded for business disturbance.

The Board therefore awards to the Claimant the sum of $81,149.15 as follows:

| | | |
|---|---|---|
| 1. | For the land | $40,000.00 |
| 2. | For the Buildings | 35,000.00 |
| 3. | For business disturbance | 5,000.00 |
| 4. | For trade fixtures (as agreed) | 775.00 |
| 5. | For moving | 350.00 |
| 6. | Interest on $7,200.00 from Dec. 14th, 1941 to Jan. 19th, 1942, at 5% | 24.15 |
| | | $81,149.15 |

In addition to this Respondent has paid to the Claimant the sum of $7,200.00 being the purchase agreed upon between the parties for the stock-in-trade, insurance, cartage, storage and in addition 10% on the invoice price of the said stock in-trade.

Interest at 5% from the date of taking (which the Board finds to be the 26th day of May, 1940) to date of payment shall be paid on $81,125.00 (Items 1 to 5 inclusive) by the Respondent to the Claimant.

As to costs, at the time of expropriation and immediately thereafter the Claimant refused to see any agents of the Department with reference to settlement of the value of her property. She refused to give up possession until an order had been made by the Judge of the County Court of the County of Welland, and even after that date the key was not delivered to the Department, but according to the evidence was placed in a drawer in the building. On the 5th day of June, 1941, N. H. Richardson, the chief property valuator for the Department of Highways, wrote a letter to Messrs. McBurney and McBurney, solicitors for the Claimant, offering them on her behalf the sum of $85,000.00 in full payment of all her claims. On the 6th day of June, 1941, Messrs. McBurney and McBurney replied to Mr. Richardson by letter saying that the amount offered is "simply absurd and our client could not think of accepting it." The arbitration proceeding before the Board commenced on the 10th day of June, 1941. The claim as filed by the Claimant was $258,758.82, made up as follows:

| | | |
|---|---|---|
| 1. | Lands | $150,000.00 |
| 2. | Buildings, including Fixtures | 42,479.82 |
| 3. | Ten per cent. (10%) for compulsory taking | 19,247.80 |
| 4. | Trade Fixtures and Equipment | 1,664.56 |
| 5. | Stock-in-trade | 14,976.64 |
| 6. | Business Disturbance | 30,000.00 |
| 7. | Packing and moving expenses | 300.00 |
| 8. | Storage of Stock-in-trade, Trade Fixtures and Equipment | 50.00 |
| 9. | Insurance on Storage | 40.00 |
| | | $258,758.82 |

The claim was unreasonable. The Claimant refused to attempt a settlement and even when before the hearing commenced the Respondent offered $85,000.00 as settlement, it was refused. Under the circumstances, the Board does not see fit to award costs to either party. The fees of the Board fixed at $600.00 shall be paid by the Respondent and the Respondent shall deduct one-half such fees from the award allowed the Claimant and retain same.

Dated at Toronto this 23rd day of April, A.D., 1942.

R. S. COLTER,
Chairman.

W. P. NEAR,
Vice-Chairman.

P.F.B.-531

IN THE MATTER of the Application of Winston W. M. Abohbot for the fixing by the Board of compensation for expropriation of certain leasehold interest by the Department of Highways of Ontario, in certain property at Niagara Falls, Ontario, known as "The Cliff Dining-room," on the River Road,—being part Lot 114, Plan 35, City of Niagara Falls.

BETWEEN:

WINSTON ABOHBOT

Claimant

—and—

THE DEPARTMENT OF HIGHWAYS,
OF THE PROVINCE OF ONTARIO

Respondent

COUNSEL:

C. R. Bigelow ........ For the Claimant

G. W. Mason, K.C., and
J. D. Arnup ........ For the Respondent

## BOARD'S DECISION

THIS IS AN ARBITRATION arising out of the expropriation by the Department of Highways of the lands of Catharine Abohbot, being Lot Number 114, Plan 35, having a frontage of 77.10 feet on River Road in the City of Niagara Falls, part of which lands were leased by the Claimant.

In 1932 the owners had erected a building on the southerly portion of the lot, and leased the northerly portion to the Claimant under terms set out in a lease dated the 23rd day of May, A.D., 1932 (Exhibit 4). On this property having a frontage of thirty-one feet, three inches on River Road, the Claimant erected a one-storey building which he used, up to the time of expropriation, as a restaurant. In 1937 he completed an addition to the building. Under the terms of the lease the Claimant was to pay a rental of $800.00 per year for the first five years, and $900.00 per year for the last five years. The lease provides: (page 3).

> "Provided always that the lessor is to have the privilege of purchasing the building upon the said lands erected by the lessee at any time at the actual cost of construction of the same with interest at the rate of seven per cent. per annum from the time of completion of the same. And provided always that out of the rentals above provided an amount equal to one-tenth of the cost of construction and interest at 7% per annum on the balance remaining unpaid shall be allowed upon the said purchase price by the said lessee, and the balance of the Eight Hundred Dollars for the first five years and Nine Hundred Dollars for the succeeding five years less 7% of the balance remaining unpaid of the said purchase price shall be the cash rental of the lands herein described exclusive of the said building. The rent shall be due and payable on the first Tuesday in September after Labor Day. And the said Lessee hereby covenants and agrees that he will not either directly or indirectly, either as principal or agent carry on or be engaged or concerned or interested in or in competition to the business carried on by the said lessor on the adjoining premises during the currency of this lease, and in particular not to engage in the souvenir business.
>
> And the said lessee hereby covenants to keep the said building in good repair;
>
> In the event of lessor exercising the privilege of purchasing the building before the expiration of the term herein, the said rental of $800 or $900, as the case may be, shall be payable in full in cash."

The Claimant paid from and including the years 1932 to 1939 the following sums as Cash Rent (Exhibit 6): $383.37, $235.40, $259.65, $283.85, $308.15, $429.36, $456.90, $480.90.

Notice of Expropriation was given on the 18th day of April, A.D., 1940, but the Claimant did not give up full possession of the premises until the 27th day of May, A.D., 1940.

On the 10th day of June, A.D., 1941, after Notice of Expropriation, the Claimant entered into an agreement with his mother, Catharine Abohbot, by which his mother was to pay him the sum of $10,000 out of her award for the building erected by him and the Claimant released all claims against her, but he retained his claim against the Department on account of his lease which he agrees was to expire on the 22nd of May, 1942.

Exhibit 15 shows that the Restaurant Building and the addition cost:

| | |
|---|---|
| First Restaurant building | $3,422.47 |
| Addition | 4,416.68 |
| Old Store | 300.00 |
| Fixtures, etc | 853.56 |
| Painting, etc | 167.04 |
| | $9,159.75 |

The Claimant filed a claim dated the 11th day of October, 1940, which asked for damages in the sum of $58,630.00 with interest from April 16th, 1940, until payment. This claim was withdrawn and an amended claim, dated the 8th day of September, A.D., 1941, asking damages in the sum of $36,025.00 was filed, made up as follows:

| | |
|---|---|
| 1. Compensation for the loss occasioned to me by reason of the expropriation on the 16th of April, 1940, of the said leasehold premises | $30,000.00 |
| 2. Compensation for depreciation on fixtures and equipment removed from premises and put in storage | 2,500.00 |
| 3. Incidental expenses of packing, moving, wastage, storage, et cetera | 250.00 |
| 4. Compensation for compulsory taking of premises, inconvenience, loss of time, et cetera | 3,275.00 |
| | $36,025.00 |

Interest on the said sum of $36,025.00 at the rate of 5% per annum from the 16th of April, 1940, until the date of payment, together with costs of these proceedings.

After giving up possession the Claimant stored his equipment in a building owned by a relative. He has paid no rental for this building but claims for 6 months' rent the sum of $120.00. This equipment with Claimant's estimate of value is shown in Exhibit 9A. This Exhibit also shows the prices and total amount the Claimant says would be obtainable upon sale. In his valuation (9B) he has given the cost of some of the articles which make up his claim, or if he did not know the cost, he placed a value. It is interesting to look at some of these values:

| | |
|---|---|
| 2 Oak Barrels and Stands (9A, page 1) | $ 20.00 |
| These were two small barrels for advertising purposes. | |
| Brass Tea Urn (antique) (9A, page 1) | 50.00 |
| 18 Tables and 72 Chairs | 270.00 |
| These were purchased in 1932-33. | |
| 10 Tables and 40 Chairs, ornamental | 430.00 |
| These were purchased in 1937, from the T. Eaton Co., for $386.00 (Exhibit 16). In his evidence he said they were specially made and were as good as new for him. Invoice (Exhibit 16) shows the stock numbers. | |
| Electric Refrigerator, 1936 Model | 600.00 |
| Steam Table, 1936 Model | 145.00 |
| Garland Range, 1936 Model | 370.00 |
| These are the prices of these three articles new. They were purchased by the Claimant in 1937 after having been used for one year for $ | |
| Linen, Glass, Dinner Silver and Other Table Ware | 372.78 |
| Kitchen Ware and Small Equipment | 253.58 |
| Other Furniture and Sundry Equipment | 618.44 |
| These three items were put in at the 1940 prices. He said they were as good as new. | |
| Radio (1936) | 69.50 |
| This was the cost to him in 1936. | |
| Mixmaster, purchased in 1934 | 24.75 |
| This is the 1940 price, new. | |
| McClary Gas Range (1934) | 115.75 |
| This was purchased in 1933 for $118.13, less discount of 2% for cash. | |

The Board cannot accept the Claimant's evidence that chairs, tables, stoves, cutlery, linens and other articles after being used for years in the Restaurant are as valuable as when purchased.

The Claimant carried on a large business, a great portion of which was done in the summer months. He says in 1922 when only seventeen years old he started to sell soft drinks and hot dogs at a counter in an old building on his mother's land. In 1932 the old buildings were demolished and the Claimant erected his new restaurant, in which he could seat 72 patrons. Commencing in 1932 his receipts showed an increase each year except the year 1935. It might be noted here that in 1934 he paid $374.15 for licenses. That was the year beverage rooms were opened and that was the only year either before or since in which he paid more than $70.00 for licenses. In 1937 he erected an addition to his restaurant and increased the number of tables to 112 chairs. His receipts continued to increase up to 1940, when the property was expropriated.

When this case was called, counsel agreed that the evidence given in the Catharine Abohbot case should, when applicable, apply in this case. In the former case this Claimant told the Board that the management of his restaurant occupied most of his time, that he and his wife and child generally ate their meals there and further that if he had been leasing from a stranger he would expect to pay 20% to 25% of his gross sales for a five year lease; that in 1940-1941 and 1942 he would pay a yearly rent of $8,500.00 rather than lose the profits. In this case, when asked about his receipts being charged with a salary for management, he said that he was seldom at the restaurant, the management was in the hands of his head waitress, who with the cook did all the purchasing, that he went to the restaurant just before banking hours, would take the receipts and receive from the head waitress the slips from the cash register. He seldom returned to the restaurant. He said that the business did not require management. It ran itself. There was no advertising and that he expected to cater only to tourists who came in for a meal. In 1939 his business brought in $26,088.32 of which $22,593.30 was done during the five months, May to September, inclusive. (Page 2 of Exhibit 6). After deducting cost of merchandise, wages, business tax, licenses and sundry expenses, he shows a balance of $10,755.61 (Exhibit 6, page 1, Line 10).

Exhibit 6 shows that in 1939 he had gross sales of $26,273.32. From this he deducts:

| | |
|---|---|
| Cost of merchandise sold | $10,895.28 |
| Salaries and wages to employees | 3,470.66 |
| Business tax | 56.25 |
| Licenses | 42.50 |
| Sundry Expenses | 1,052.62 |
| Leaving a Net Profit of | $10,755.61 |

To this he credits his business with "one-third cost retail value, one-third cost price of merchandise" (Exhibit 6) $370.00. In his evidence referring to the year 1938 he said that this item referred to the "cost of the food received by me." Exhibits 7A, 7B and 7C are copies of his menu. In this case the evidence shows that he seldom ate at the restaurant and there is no evidence that his wife and child ever had meals there.

The Claimant also credits the business with $300.00 use of Cliff services re my other investments, as he says he used the office and telephone at the restaurant for taking care of his other investments. There is nothing to show what his investments were, but it was pointed out that in 1939 when he was carrying on his business, he paid income taxes of $1,265.89 while in 1940 after his business had been closed he paid income taxes of $154.57.

The Claimant charged in 1939 for Depreciation $281.15. This is an increase of $90.00 over 1938 and $70.00 over 1937. There is no explanation of the depreciation charge, but in view of the fact that he has charged in the last item "Rent via building or building equity lost or depreciation," it may be taken that it refers to depreciation on his equipment. In his evidence he says his equipment was always kept up and was as good as new and has claimed such value from the Respondent.

The next item in Exhibit 6 is Cash Rent (1939) $480.90. The Lease (Exhibit 4) provides that "In the event of the Lessor exercising the privilege of purchasing the building before the expiration of the term, the said rental of $800.00 or $900.00 as the case may be shall be payable in full in cash." The rental for 1939 should have been $900.00. On the 10th of June, 1941, before the expiration of the lease, the building was purchased by the Lessor for $10,000.00 reserving to the Lessee his claim "against the Department of Highways in respect of the lease between the parties hereto dated 23rd May, 1932, and the use by the Party of the Second Part until 22nd May, 1942, of the lands upon which the 1937 addition was constructed."

The next item "Rent via building or building equity lost or depreciation" is an item inserted for income tax purposes and the Claimant said this was 10% of the cost of the two buildings.

On the evidence the Board finds that in 1939 the Claimant's net receipts were $10,753.61 The Board can not allow the items $370.00 for food or $300.00 for Cliff services as these items have not been proven to the satisfaction of the Board. In the amended claim the sum of $550.00 for Claimant's loss of fixtures, etc., made in the original claim, was abandoned, but the claim for compensation for depreciation on fixtures and equipment removed from the premises and put in storage ($2,500.00) was continued. In the agreement (Exhibit 14) the claimant released all claims in respect of the building "and all fixtures attached to said buildings" to his mother, the owner of the land. The "fixtures" referred to in the amended claim must therefore mean equipment of the Restaurant. This equipment was removed to storage and has since remained there. Much time was spent at the hearing in showing what this equipment consisted of, its original cost, its value as of April, 1940, to the Claimant, and its value if sold by auction. The Board would not accept the evidence as to the value being $4,272.67 as of April 16th, 1940 (Exhibit 9A) and finds that those values are very much overestimated, nor would it accept the "prices obtainable upon sale" ($877.60) (Exhibit 9A) and finds that those prices are very much underestimated. In any event there is no obligation on the Respondent to pay the Claimant for this equipment. It is all movables and with the exception of a few articles can be used in another Restaurant. King vs. Elite 1929 Ex. Ct. Rep. 56. Some of the equipment in the kitchen might not be removed and used in another restaurant with advantage. These are shelving, utility table, cupboard and some other articles. The Board finds that for the Expenses of packing, storage, and cartage $200.00 is a reasonable charge.

As to the claim for compensation for loss occasioned by reason of the expropriation on April 16th, 1940, $30,000.00, the Board finds that the Claimant continued to use the premises for the purpose of his business until May 27th, 1940.

Counsel for the Claimant contends that his client is entitled to be paid his expected profits from the business for the balance of the term of the lease, which expired on the 22nd day of May, 1942. He estimates these profits (Exhibit 8) as being for:

| | | |
|---|---|---|
| 1940 | Increase of 25% over 1939 in volume of merchandise sold and profits of | $13,168.89 |
| 1941 | Increase of 35% over 1940 in volume of merchandise sold and profits of | $18,980.33 |

In making these estimates he relies on evidence of increased business done by Hand in his premises on Falls Avenue, and the increased business done by the General Brock Hotel. Hand moved his stock from his River Road stores to Falls Avenue and after the expropriation all Restaurants and Gift Shops which had been operating on River Road were eliminated.

As to the equipment removed and stored, the Board finds that there is no obligation on the Respondent to pay more than for damages to equipment in moving and for such of the equipment as could not be used in another restaurant when the Claimant sees fit to re-establish himself, for disconnecting and connecting equipment including settling and time lost in seeking a new location. King vs. Elite Cafe Ltd. 1929 Ex. Ct. Rep. 56, Letros vs. Toronto 56 O.L.R. 175. For this the Board allows the Claimant the sum of $400.00.

The only attempt the Claimant made to re-establish his business was to make enquiry about a vacant lot north of the Garage on Falls Avenue. He said he wished to wait and try to lease one of the stores to be erected on River Road under the new bridge. Although he did not seriously attempt to obtain a location in the vicinity, he thought there was no store he could rent in which he could re-establish his business, and he said it would be unwise to erect a building when stores were to be located under the new bridge which stores might carry on a business in competition. When one considers that he did an annual business in 1928 to 1931 of $28,000, $31,000, $21,600, and $17,000 in the building shown in Exhibit 4A when he had very strong competition, it would have seemed wise on his part in 1940 when there were no restaurants on River Road to serve tourists or the workmen employed in the construction of the bridge, to have made some effort to get into business rather than rely altogether in obtaining damages from the Respondent.

Mr. Bigelow argued that the business done by the Claimant was not the result of his business ability but came to him by reason of his business being located in a building situated as it was on River Road where tourists congregated. He says that his client, by reason of the expropriation, cannot re-establish his business because he could not again get a location to do that class of restaurant business.

To establish his claim that he should be allowed for loss of estimated profits of $13,168 in 1940 and $18,980 in 1941, he filed Exhibit 9A showing an increase of profits for the General Brock Dining Room of 1.7% in 1940 over 1939 and 28.4% in 1941 over 1940, and an increase of 21.4% profits of the General Brock Coffee Shop in 1940 over 1939. The increased profits of the Foxhead Inn and the other restaurant on Falls Avenue, situated at the corner of Falls Avenue and Clifton Hill, were not disclosed. He also shows that the Treasure Chest (Mr. Hand's Falls Avenue store selling gifts and souvenirs) increased its profits 188% in 1940 over 1939 and 137% in 1941 over 1940. Mr. Hand had three stores and there were several additional gift shops on River Road and Mr. Hand was the only one who re-established himself on Falls Avenue. From this it is evident that when restaurants, gift and souvenir shops were closed on River Road, that business found its way to Falls Avenue. It certainly does not assist the Claimant in attempting to establish his claim that his business could be carried on only on River Road. Tourists have to eat. Many of them prefer not to go to an expensive hotel. The evidence does not satisfy the Board that if he had opened another restaurant either on Falls Avenue, Clifton Hill or in a location near the Falls, he would not have prospered. He says that the only vacant building in the vicinity was the one leased by Mrs. Ross on Victoria Avenue near Clifton Hill, and that this was not a success but Mrs. Ross had no equipment and had no money with which to purchase it. She bought some on time payment plan and her business was not successful. The Board would not expect her to succeed, although she did have enough gumption to get out and obtain a location.

The Claimant has made no serious attempt to re-establish his business and the Board is not satisfied on the evidence that he could not have obtained a location in which to carry on, but the Board is satisfied that he could not obtain a location in that locality which would be as valuable to him as the one expropriated. His lease has two years to run. In Meyer vs. Toronto 30 O.L.R. 426, the Claimant was carrying on a boat livery, dance hall and restaurant business. She might have found a location for a restaurant and even a dance hall, but she could not find a location for a boat livery. She was allowed three years' profits for business disturbance and the value of her stock-in-trade.

Letros vs. City of Toronto 56 O.L.R. 175:

> P. 178. It must be taken that the value of the premises as they stood prior to the improvement affected by the tenant was the rental reserved by the lease given by Dixon, viz $200 per month for the first ten months and $250 per month for the next succeeding five years and $333.33 per month for the next five years. It was the improvement made by the tenant which warranted the arbitrator in ascribing to the premises an improved rental value of $400 per month. The difference between the rental due to Dixon and $400 per month represented the increased value to the Claimant owing to the special adaptability of the premises to his purposes as a restaurant keeper. It is true that the evidence indicates profits from the business at a much higher rate than this difference but such additional profits as the present Claimant as tenant might have made in conducting his business may be ascribed to his business capacity and personal ability which are not elements available to him in estimating the compensation to be awarded to him for the lands taken.
>
> P. 179. Argument that this case comes within the principle adopted in Meyer vs. Toronto where the allowance of three year's profits for value in use to the owner was made on the footing that the business was totally destroyed by the expropriation and could not be revived elsewhere. In the view of the arbitrator the Claimant had not established this allegation. As to enforced sale of applicant's chattels, I agree with the reasons expressed by the arbitrator and that his finding as to the amount and would disallow this ground of appeal. No allowance as loss in connection with moveables is, in terms, authorized by the statute.

The King vs. Goldstein—1924 Ex. Ct. Rep. 60:

> P. 60. The value to the owner of a lease, when he is paying the full rental value of the premises as rent is the right to remain in undisturbed possession to the end of the term.

Whatever loss the tenant may be entitled to recover, expected profits during the eight months should not be the test. Yet when an allowance is made for dimunition of good-will, to some extent that compensation covers loss of profits. It seems that the question of loss of estimated profits is a mode of arriving at the compensation for the value of this unexpired term, can no more be considered than can be considered by the expropriating party the probable loss a lessee might make and claim as set off therefor. The question of the loss of profits per se is too remote. It is personal to the individual.

P. 61. The several legal elements of damages to be considered in assessing the compensation are such as will cover any loss of or diminution in the good-will, thereby letting in some loss of business or estimated profits. Then it should further cover the reasonable cost of removing, seeking a new location, loss of time, storage of part of furniture during eight months, depreciation of fixtures—furthermore a certain amount should also be allowed for the dislocation or disturbance of the business occasioned by such removal.

It seems to have been assumed by Counsel for both parties that the Rental to be paid by the Claimant for the last two years of the term was $900.00 per year. The lease provides that the Claimant pay to the Lessor $800.00 per year for the first five years and $900.00 per year for the last five years. At the date of the lease there was no building upon the lands. The lease provides that the Lessor has the privilege of purchasing the buildings at any time at its actual cost plus 7% from the time of completion. It further provides that out of the rentals above provided $800.00 or $900.00 as the case may be, one-tenth of the cost of construction of the buildings with interest at 7% should be allowed the Lessee and the balance shall be the cash rental of the lands. The building was erected at a cost of $9,159.75. Ten per cent. of the cost would be $915.00. Seven per cent. on the cost would be $641.00 being a total of $1,556.00 to be deducted from the rent of $800.00 in the first year. Exhibit 6, Line 13, shows that in 1932 he paid the Lessor cash rent $383.37 and on Line 15 he takes credit for "Rent via building equity or depreciation $346.40." At this time he owned the building in which he had invested $3,422.37. It is difficult to ascertain what this building is costing him annually.

DeMara, one of the Claimant's witnesses, in his valuation Exhibit 59 at page 9 placed the rental value of the restaurants and outbuildings at $3,600 per year and at page 15 of Exhibit 59 he valued the income to the owner from the Restaurant—Store "D" at $3,000. The Claimant said he would be willing to pay up to $8,500 rental rather than give up the premises but the Board realizes that this was an exaggeration, for if he paid such a rent he certainly could not make his business pay. Bosley and Young, both witnesses for the Respondent, placed the annual rental value of the Restaurant property at $2,400. Hand, who rented three stores with a total frontage of 45 feet north of the Abohbot property, and fronting on River Road, paid a rental of $3,000 per year. His property being farther from the Park, was not as valuable as that of the Claimant.

The fixtures installed in the premises by the Claimant, to improve the service to his patrons, have been sold to his mother and become part of her building, for which he was to pay a rental of $900.00 per year.

The Board is not satisfied on the evidence that it was not commercially feasible for the Claimant to obtain premises in which he could carry on his Restaurant business. Rentals in Niagara Falls are not high, but in the opinion of this Board the premises which he occupied were worth to him as a Restaurant such as he operated, a rental of $3,900 per year. For the remaining two years of his lease he was to pay $900 per year, and the damages which he suffered through the loss of these premises would be the difference between $900 per year and $3,900 per year or $3,000 per year for two years in addition to the allowance for equipment which cannot be removed to another Restaurant of $200, Packing, etc., $200 and Cost of moving $400. The Board therefore finds that the Respondent should pay to the Claimant:

| | |
|---|---|
| The difference between the Rental value of the premises to him less what he should pay, two years at $3,000 per year | $6,000.00 |
| Value of equipment which cannot be moved | 200.00 |
| Expenses of packing, storage and cartage | 200.00 |
| Damages to equipment in moving, dis-connecting and re-connecting equipment, time lost in seeking a new location, as before mentioned | 400.00 |
| Total | $6,800.00 |

The Claimant shall be allowed costs fixed at $1,000.00. The fees of the Board fixed at $200.00 shall be paid by the Respondent.

Dated at Toronto this 23rd day of April, A.D., 1942.

R. S. COLTER,
Chairman.

W. P. NEAR,
Vice-Chairman.

P.F.B.-705

IN THE MATTER of Section 79a of "The Highway Improvement Act," (R.S.O. 1937, Chapter 56), and amendments,

AND IN THE MATTER of an application by the Department of Highways for approval of the closing by the Department of certain portions of the Township Roads in the Township of Pickering in the County of Ontario, described as being between Lots 10 and 11 in the First Concession and Lots 6 and 7 in the First Concession between the northerly limit of the right-of-way of the Toronto-Oshawa divided highway and of the southerly limit of the Canadian National Railways right-of-way.

AND IN THE MATTER of the claim of Lorne Puckrin in respect of the closing of the portion of the Township Road between Lots 6 and 7 in the First Concession of the Township of Pickering between the northerly limit of the right-of-way of the Toronto-Oshawa divided highway and the southerly limit of the Canadian National Railways right-of-way.

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COUNSEL:

J. H. Arnup.......................................................for the Department of Highways
C. C. Richardson.......................................................... for Lorne Puckrin

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## DECISION OF THE BOARD

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THIS IS AN APPLICATION by J. H. Arnup on behalf of the Department of Highways under the Highway Improvement Act (R.S.O. 1937, Chapter 56, and amendments, Section 79 (a)), to close the Township Road between Lots 6 and 7 in the Township of Pickering between the north limits of the new divided highway and the south limit of the Canadian National right-of-way. No objection is taken to the closing of the said road but as a result of such closing of the said road, when it takes place, claims for compensation are made by Lorne Puckrin and others.

J. Lorne Puckrin is a farmer and thresher who owns two farms, one being Lot 7, Concession 1, comprising 93 acres, and the second being in Lot 6, Concession 1, and comprising 50 acres. He also rents a third farm of 100 acres in Lot 6, north half of the Broken Front, fronting on the road in question and known as the Levine farm. Puckrin also leases the Brown farm. 100 acres, located south of the Canadian National Railway and one mile east of his 50 acre farm and running to the Base Line. Puckrin also rents from his brother Charles a farm of 117 acres, being in Lots 5 and 6, Concession 3, one and one-quarter miles north of Number 2 Highway.

Mr. Richardson called J. Lorne Puckrin at the Whitby hearing, Mr. Puckrin states that he values his 93 acres with buildings at $20,000, says its damage by reason of the closing of the road is 25%, also that 25% damage applies to the 50 acre farm. In addition to those damages the extra time taken with a team and man to work the farms after the closing of the road he estimates as being lost time of 8½ months of 26 days at $7.50 per day equals $1657.00. He took an option from the Continental Life in September, 1940, for the 93 acres with 2 houses for $19,000.00. The land sold to Defence Industries Limited for defence purposes to the Government was based on $100.00 per acre. He received for 220 acres more or less, $22,000 plus $6,500 for buildings, moving, drainage, etc. He leased the Levine farm of 100 acres with buildings for $325.00 per year to be paid $300.00 rent and $25.00 to be spent on repairs to the buildings. There is no option to renew after five years. He states the the real difficulty is a matter of operations between the 93 acre farm and the Levine farm. He states that he pays his hired men $3.00 per day and board and washing, or the married men in the house $300 per year with free house, wood, and use of two cows. He claims that he has a standing offer for the 93 acres of $24,000.00.

When the hearing was resumed in Toronto on January 28th, Mr. Puckrin again gave evidence as follows: The Price House is being used as a boarding house with 38 boarders. This is run by Packer and his wife on one-third of the receipts. He states that he intended to subdivide the 70 acres, that they bought five houses, eight barns, three driving sheds, four hen houses and two milk houses from the Defence Industries property to be moved. They attempted to move one house to the fifty acre farm but the mover upset the house and they were then required to wreck the buildings remaining in order to clear the property. He claims 25% of $19.000 as damages to the 50 acres. He says he used eight work horses and two colts, three tractors to work his farms. He has two married men hired, one occupying a house on the Levine farm and one on the Brown farm. He has two men usually hired who board at his house. He assisted in taking a traffic record on the D. I. L. road on Saturday, January 24th, 1942, and the count showed 1,027 cars and trucks going out on the D. I. L. road between the hours of 3 and 4.30 in the afternoon. The witness figures that through the closing of the road it would be 2¼ miles of extra travelling between barns by way of the D. I. L. road and 3¼ miles if the next road east is used. He claims a team would take 1½ hours to make the 4½ miles return trip between the Levine farm and the 70 acres. He figures lost time at 3 hours per day for one and a half teams 8½ months to work 93 acres at a rate of 75 cents per hour or $2.25 per day 26 days a month, a total of 333 days at $2.25 being $745.85 per year, or an amount for 4 years, being the unexpired portion of the Levine lease, $2,983.40. In cross-examination Puckrin says he purchased the Price house for a boarding house and the front 23 acres of the Price farm had been in hay for a good many years and that 55 acres of the remaining 70 acres were tillable. He referred to a deal that had been considered with Wartime Housing Limited for subdivision purposes, admits that the inconvenience of operating the two farms in their locations is due to the lack of farm buildings on the 93 acres, and states that on the land sold to Defence Industries that there were mortgages of $8,000 and $5,000 and $1,700 in liens against equipment. He states that 15 acres of the 23 acres in the front of the Price House is tillable and states that he ploughed 45 acres last fall of the 93 acres and intends to use a tractor for cultivating, hauling and power reaping. Teams would do the ploughing and remaining work. He does custom ploughing with tractors and charges $2.00 to $3.50 per acre and considers that he does one-half of the ploughing on his farm with tractors and one-half with horses. The lease on the Levine farm is $325.00 a year plus $125.00 or $135.00 taxes. Mr. Puckrin was recalled in answer to a question by Mr. Richardson and states that Allan Moore sometime in May or June of 1941 wrote him a letter stating that owing to his circumstances and those of the Pickering Development Company, he would have nothing more to do with it. The witness stated that he had informed his brother Charles and Packer about this letter.

Mr. Richardson called C. R. Purcell, a realtor with experience in farm properties. The witness states that the 93 acres has opportunities for subdivision, that the fifty acre farm does not present the same opportunity. He says that the closing of the road eliminates the possibility of subdividing on the Pickering Beach Road frontage, which is the road in question. He estimates the loss of value on the service corner at $500.00. He estimates the value per acre for subdivision and values the 70 acres for a farm at $100.00 per acre. He places the damages to the bottom 20 acres facing on the road in question at $75.00 or a sum of $1,500.00 and damages to the top 30 acres at $50.00 or a sum of $1,000.00, a total of $3,000.00. The witness assesses $300.00 per year for 4 years for difficulty in operation between farms or the sum of $1,200.00. He values the 50 acre farm at $80.00 an acre or the sum of $4.000.00, and assesses damages to same at 25% in the sum of $1,000.00. He assesses a damage of $1,750.00 against the lower 70 acres at the end of 4 years. Cross-examined by Mr. Arnup, Purcell states that he places the possibility of subdivision on the existence of the D. I. L. plant, and that he knew of no other subdivision in the vicinity of the plant. Mr. Arnup pointed out building restrictions in connection with the divided highway regulations which prevented buildings being erected within 150 feet of the limit of the highway and required a permit to be secured for buildings erected within 600 feet. The witness admits that if the 93 acre property is sold at $22,000.00 or $24,000.00, the difficulties are removed. He states that the damage to the 23 acre parcel is covered in the $3,000.00 amount claimed as loss. He states that rent alone would run at $5.00 per acre as vacant land for the 70 acre parcel.

At the Whitby hearing, Mr. C. C. Richardson called Mr. F. H. Richardson, a farmer who states that he thinks 8¼ months for a man and a team as figured by Mr. Puckrin is reasonable. He says that he would cut the $7.50 per day rate to $6.00. He would also cut Mr. Puckrin's 25% in half. He states he would fix 15% of $5,000.00 as damages to the 50 acres and 15% of $7,000.00 for the 70 acres of the 93 acres as damages.

Mr. Richardson called Edward Bowman of Whitby who states that if Mr. Puckrin had a barn on the 50 acres and one on the 93 acres, the inconvenience in operation would be readily eliminated. For the 50 acre farm he estimates the barn would cost $1,800.00 to $2,000.00. For the 93 acres he estimates the barn would cost $2,800.00 to $3,000.00. He states he would depreciate the 70 acres at $100.00 per acre by 25%. He valued the 50 acres at $3,000.00 and damages to it one-third of the value or $1,000.00.

Mr. Richardson called L. R. Kemp, a farmer living in Whitby, who states that he would pay.for the 70 acres with the road open, including the same house $100.00 per acre, and with the road closed it would be worth probably $75.00. The witness cites the Rowe sale 15 years previously at $200.00 per acre. He states that with 55 acres tillable he would expect the owner would build a barn. Mr. Kemp was recalled to give particulars from transfers about which he had secured information at the Registry Office and which concern sales in the vicinity.

Cecil Pascoe was called and stated he had been a tenant of the 93 acres in 1939, 1940 and 1941. He paid a rental in 1939 of $300.00 and in 1940 of $325.00, and did not pay taxes. The property rented included the small house and the 70 acres. The witness stated that the land had not been broken for ten years. In 1941 he paid $250.00 rental for 50 acres and no taxes.

Marcus Holliday called stated he was a farmer who had hired out his team at $10.00 a day without a driver for 8 days at a stretch, that he had received $1.00 an hour and 90 cents an hour for team with sprayer outfit and a boy driving it. He states that a team takes 1¼ hours to go 2½ miles and 15 minutes extra with a load.

D. R. Carruthers called states he lives on the third farm east of the 93 acres. His farm contains 94 acres. The Highways Department had purchased about 8½ acres at the rear for the divided highway at $1.50 per acre. He states that traffic on the D. I. L. road looks much like traffic on Number 2 Highway. His experience is that Number 2 Highway can't be used for ordinary farm purposes.

Chas. Fothergill, farmer on Number 2 Highway, two miles east of the 93 acres, states that he sold 150 acres to Arnold 15 years ago for $25,000.00.

W. J. Packer called by Mr. Richardson, states that he is the manager of the Price House, and of Pickering Development Company, which he said was a partnership between Lorne Puckrin, Charles R. Puckrin, Allan Moore and W. J. Packer. The witness states that he advised Lorne Puckrin to buy 70 acres and then the 23 acres, and that Puckrin paid $7,300.00 on this purchase from the proceeds of the sale of his farms for the D. I. L. site. The remainder of the purchase price was on a mortgage. The witness states that they intended to move the D. I. L. house to the 50 acre farm to be divided into five acre plots. They had agreed to pay $1,200 or $1,400 for these buildings. He started operating the Price House in February, 1941, and had 38 guests at $8.00 per week. The witness states that his guests use the Pickering Beach Road to the service road to the plant and considers the D. I. L. road hazardous. He took a traffic count on January 27th between 7.25 and 8.30 in the morning and there were 874 vehicles in and out of the plant. The witness states that his guests use the beach for recreation. He further states that the subdivision of the Pickering Beach Road frontage was finished if the road was closed.

Cross-examined by Mr. Arnup, Packer states that he advised Puckrin to buy the 93 acres for subdivision purposes. He says that the partners each have one-quarter interest and share in profits of the Price House and gravel pit, also that Lorne Puckrin had owed Charles Puckrin, his brother, $5,000 and that this amount was to be paid back to pay off Charles Puckrin's one-quarter interest in Pickering Development Company. The witness states that he brought into the partnership his services and no money. He states that the partnership owns the 93 acres and that Lorne Puckrin owns the 50 acres with an offer to sell this to the company, that the gravel pit is purchased in the name of Lorne Puckrin but is actually owned by the company, that the proceeds from the gravel pit so far are applied to the purchase price. They owe now about $200.00 on the $1,500.00 purchase price and states that most likely this is paid off by now. The witness states that the boarding house had been making money which has been used to pay for furnishing and equipment, pumps for the water system, etc. The witness states that "we bought the 70 acres for subdivision and agreed to turn it over to the company," intended to use the capital from the D. I. L. deal. He states that Donovan, a land surveyor, had been consulted as to subdivision, but said that the survey was cancelled with the deal with Wartime Housing pending. He states that they had prepared to apply for a charter and figured $19,000 as sufficient capital to carry the company through. The witness referred to discussions with Wartime Housing, Limited, Supertest Petroleum Corporation, Limited, and Anglo Oil Co., Ltd., and says that he had heard of proposed closing of this road some six months ago.

Packer re-examined by Mr. Richardson, stated that the interest on the $11,700.00 mortgage is at the rate of 5% and an $1,800.00 annual reduction of principal was required. He states that the partners knew this could not be carried on anything but a subdivision basis. He states that there is no partnership agreement in writing but there is a definite verbal agreement.

Mr. Arnup for the Respondent called John A. McMillan, of J. A. Willoughby Co. The witness had advised the Canadian National Railways in the matter of the purchase of the properties for D. I. L. site. He had valued the 50 acres at $60.00 per acre when used in connection with the 100 acre farm taken by D. I. L. He depreciated this 50% to $30.00 per acre when left without farm buildings. He states that 15 acres of this 50 acres is inclined to be wet and low and the balance of 35 acres fairly good land. If the Pickering Beach Road is closed, he still valued the 50 acres at $1,500.00. In connection with the 93 acre farm, the witness says that the closing of the road does not affect the 70 acres nor the remaining 23 acres one particle as to sale value or possibilities. He states that the large house and lack of outbuildings had acted as a deterrent to the possible sale of this property in previous years.

The witness had attempted to effect such sales; that there never had been much market for this property until the D. I. L. came along; that the 70 acres is not good for subdivision purposes, that it should be located close to an active centre, that the employees of the plant constitute a floating population to whom one can't sell real estate. The witness states that the service station on the corner would detract from the valuation of the big house and would also detract from the value of the subdivision for residential purposes. The witness allowed no damages in loss of the disposal of the corner for a service station. He thinks Puckrin is inconvenienced in his farm operations and for which he should be compensated. He states that $2,482.00 for team work on 93 acres is unreasonable. He figures a loss of time using a team as 22 days at $6.00 or $152.00 per year or $528.00 for four years. Using the car it would be $106.05 per year or $424.20 for four years. He averages this at $477.10 and the witness fixes this as the compensation to Puckrin through the closing of the road.

In cross-examination the witness stated that due to the uncertainty of the plant, he would place no value on the 93 acres for subdivision purposes.

A. Outram called by Mr. Arnup, says there should be a permanence of character to justify a subdivision. He stated that any other buildings on the 23 acres would be detrimental to the Price House property value. He states that a subdivision as described by Mr. Purcell, leaves the west half of this property in no condition to farm. The witness does not thinks any subdivision of the 93 acres is justified and says there is no damage to the 93 acres as a unit by itself through the closing of the road. He also says there is no damage to the 50 acres as a unit by this closing. The witness admits inconvenience in working the two places together with the road closed. He gave evidence of scaled distance between the farms by way of the D. I. L. road and by way of the Audley Road.

On argument Mr. Richardson admitted that the 93 acres was bought for a subdivision and claimed that the closing of the road has prevented this. He refers to the Purcell evidence fixing damages at $3,000.00 plus $1,750.00 and $1,000.00 on 50 acres which altogether with damages for inconvenience in operation makes a total claim of $8,667.00. Mr. Richardson asks costs in the action claiming that it was not Puckrin's fault that the proceedings were taken.

Mr. Arnup in argument said the matter separated itself into three headings, one, depreciation in value of the 93 acres, two, depreciation in value of the 50 acres, three, extra expenses of operation. In connection with three he admits an inconvenience in operation of the farm and suggests that $475.00 to $500.00 is a fair compensation for this and argues that the evidence shows that depreciation in value of one and two should be disregarded. Mr. Arnup suggests that in view of the evidence re Pickering Development Company that a document should be filed with the Board signed by all of the partners. In the matter of costs, Mr. Arnup states that the claim as presented has been greatly exaggerated and in fact statements made that are dangerously close to being untrue, and says that under the Act there is no provision for an offer being made and draws the attention of the Board to the fact that the Department's case took one-half a day while the Claimant's case took three and a half days.

J. Lorne Puckrin has been farming in a fairly large way in Pickering Township for some years until Defence Industries expropriated 220 acres and buildings of his farms. He then took the advice of W. J. Packer who encouraged him to use the proceeds from this deal to purchase the Price farm of 93 acres including the Price House. Both Puckrin and Packer state that this land was purchased for subdivision purposes, and yet no definite action to subdivide has been taken. In October of 1941, Puckrin proceeded to plough about 45 acres for 1942 crops. Puckrin admitted that after his mortgages, lien debts to his brother were paid and down payment of $7,300.00 on the Price property were made, that a few hundreds only remain to be paid in final settlement of the $28,500.00 expropriation.

The terms of purchase of the Price property, namely, $7,300.00 cash and $11,700.00 mortgage at 5% with $1,800.00 annual reduction of principal is admitted by both Puckrin and Packer to make farming of the property impossible from a financial view point.

Witnesses for the Claimant go so far as to state that the closing of the road makes the subdivision of the Price property impossible and witnesses for Respondent state that the closing of the road does not affect the 70 acres nor the remaining 23 acres one particle either as to sale value or its possibilities. Witnesses state that no other property in the vicinity has been subdivided and that lands for subdivision purposes should be located close to an active centre and that the floating population of the D. I. L. plant is not one to whom one can sell real estate.

The Board concludes that the Price property was purchased for subdivision purposes, that nothing to date has developed in this regard either on this property or in the vicinity, and that any anticipated damages to the land for subdivision purposes is pure surmise and cannot be given serious consideration.

The evidence indicates that if the Price property is to be farmed, it requires farm buildings and if such were now in existence and the property were considered as a farm with buildings, the Board would find that there would be no damages to the property by the closing of the road.

The fifty acre farm is without buildings also, and the Board decides that the closing of the road does not damage the value of the 50 acres having regard to the fact that a new and in many respects better access is to be provided by way of the service road, overhead crossing of the railways and clover leaf, entrance to and exit from the divided highway.

Evidence shows that there is an inconvenience in the operation of this group of farms, particularly during the duration of the Levine farm lease or until farm buildings may be erected on the Price property, and the Board finds that Puckrin is entitled to compensation for this inconvenience.

Witnesses vary greatly in fixing the amount of this compensation. Puckrin estimates $745.85 per year for four years or $2,983.40 as the cost of the lost time for teams and men between the farms in question. This is based on his calculation that it would require 1½ teams for 8½ months 26 days a month at $7.50 per day to farm the 93 acres, 70 acres of which is tillable. In the Board's opinion this would give a cost per acre that would make cost of crop farming prohibitive and the Board must conclude that this evidence is greatly exaggerated.

Witness for the Respondent fixes this extra cost for team work at $132.00 per year or $528.00 for four years. This is an extra cost of approximately $2.00 per acre tilled instead of over $10.00 per acre by Puckrin's evidence. Purcell fixed damage for inconvenience in operation at $300.00 per year or $1,200.00 for four years, but did not give details of how this was arrived at. This works out at $4.25 per acre for lost time of operation.

The Board awards the sum of $700.00 as a fair allowance for the inconvenience and damage to Lorne Puckrin, or the partnership, if any, and to the lands in question caused by the closing of the roads. This award is based upon the presumption that the "Service Road" south of the highway will be continued as a highway for the use of the public.

Costs fixed at the sum of $100.00 shall be paid by the Department of Highways to the Claimant, Lorne Puckrin. The Department shall also pay the Board's fee fixed at the sum of $100.00.

DATED at Toronto this 20th day of May, A.D., 1942.

R. S. COLTER,
Chairman.

W. P. NEAR,
Vice-Chairman.

P.F.B.-705

IN THE MATTER of Section 79a of "The Highway Improvement Act," (R.S.O. 1937, Chapter 56), and amendments,

AND IN THE MATTER of an application by the Department of Highways for approval of the closing by the Department of certain portions of the Township roads in the Township of Pickering in the County of Ontario, described as being between Lots 10 and 11 in the First Concession and Lots 6 and 7 in the First Concession between the northly limit of the right-of-way of the Toronto-Oshawa divided highway and of the southerly limit of the Canadian National Railways right-of-way.

AND IN THE MATTER of the claim of Cecil Pascoe in respect of the closing of the portion of the Township Road between Lots 6 and 7 in the First Concession of the Township of Pickering between the northerly limit of the right-of-way of the Toronto-Oshawa divided highway and the southerly limit of the Canadian National Railways right-of-way.

COUNSEL:

J. D. Arnup.............................................. . .for the Department of Highways

Peter Levine............................................ ..... ......................................for Cecil Pascoe

## DECISION OF THE BOARD

THIS IS AN APPLICATION by J. D. Arnup on behalf of the Department of Highways under The Highway Improvement Act (R.S.O. 1937, Chapter 56, and amendments, Section 79 (a)), to close the Township road between Lots 6 and 7 in the Township of Pickering between the north limits of the new divided highway and the south limit of the Canadian National right-of-way. No objection is taken to the closing of the said road but as a result of such closing of the said road, when it takes place, claims for compensation are made by Cecil Pascoe and others.

Cecil Pascoe is a farmer, the owner of 50 acres in Lot 6, Concession 1 in the Township of Pickering. Mr. Pascoe called by his Counsel, gave evidence as follows: Forty-two acres of the 50 acre farm are workable and 8 acres in pasture. Buildings consist of hip-roof barn, drive shed and frame house containing about ten rooms. The farm is located about one-half mile from Number 2 Highway on the east side of the road and south of the portion proposed to be closed. Pascoe has owned the farm for nine years and had rented same for six years previously, has known of no accident occurring at the grade crossing of the Railway, has been in the habit of going to Whitby or Pickering via Number 2 Highway, says that the Pickering Dairy calls at his farm for the milk and that he changes labour with neighboring farms at time of harvesting, threshing and silo filling. Mr. Pascoe says that closing of the road will cause him inconvenience in the matter of access to his farm and in the trading of farm help, the D. I. L. plant having already taken away his neighbours to the west. Mr. Pascoe estimates that the closing of the road will damage his farm to the extent of $1,000.00.

Cross-examined by Mr. Arnup Mr. Pascoe said railway traffic is heavy, particularly with freight trains; that his farm is a dairy farm and he feeds everything on the farm; that he trades labour with two farmers five days, and admits that his main objection is removed, if assured that the Service Road will become a public road.

Mr. Levine calls C. Edward Bowman, of Whitby, who values the farm at $6,000 before the D. I. L. plant or road closing. He says that the farm has depreciated $400.00 through the location of the D. I. L. plant and will be depreciated to $4,800.00 if the road is closed, making a depreciation through closing of the road of $800.00.

Mr. Levine calls L. A. Kemp, a farmer, who says if the road is closed that access to Number 2 Highway is more circuitous and dangerous and would depreciate the value of the Pascoe farm.

Mr. Arnup calls Mr. Outram, assistant valuator of the Department of Highways, who gives distances from the Pascoe farm to various points before and after the proposed road closing and says that any increased distance to Whitby is compensated for by elimination of dangers of crossing railways. He thinks there is no depreciation to the Pascoe farm to a prospective buyer through the closing of the road.

Mr. Arnup calls Mr. McMillan, who stated that while he had not examined the Pascoe farm minutely, he was familiar with the situation and says that the sale value of the farm will not be depreciated through the closing of the road and that Mr. Pascoe is more than compensated for any inconvenience by the safety effected by the road he would then require to travel.

Mr. Levine argues that Pascoe bought this farm after renting and proceeded to improve the place with a view to making a home and claims that the circuitous route made necessary by the closing of the road creates a difficulty and inconvenience, also in trading farm labour, and asked $800.00 damages, and costs.

Mr. Arnup argues that the Pascoe farm is a dairy farm, and Pickering Dairy collects the milk and that inconvenience referred to chiefly concerns trading of farm labour with farms to the north and consists of five days' work at most. He says that the D. I. L. plant has dislocated the situation and has depreciated the value of the farm for which there is no compensation. He suggests the farm labour exchange situation is capable of adjustment.

Mr. Arnup claims the position of the farm is enhanced by the operation of the dual highway with the road closed, and states that any additional mileage in access to the farm by the closing of the road is more than compensated by the grade separation and the improved highway.

After considering the evidence submitted and the arguments of both Counsel, the Board decides there is no damage to the farm of Cecil Pascoe through the closing of the road in question, and that any inconvenience in the exchange of farm labour is compensated for by the elimination of the hazards of level crossings of the railways and the dual highway and the improved access to the latter.

The Board therefore finds that Cecil Pascoe is not entitled to damages caused by the proposed closing of the road provided the Service Road south of the railway tracks becomes a public road. The Board's fee having been paid by the Applicant, there will be no order as to costs.

DATED at Toronto this 2nd day of June, A.D., 1942.

R. S. COLTER,
Chairman.

W. P. NEAR,
Vice-Chairman.

P.F. B-1093

IN THE MATTER of Section 79 of "The Highway Improvement Act" (R.S.O. 1937, Chapter 56).

BETWEEN:

PAUL ZAMOLYNSKI,

Claimant

— and —

DEPARTMENT OF HIGHWAYS

Respondent

(Fixing of compensation for expropriation of Part of Lot 9, Concession 1, Township of Darlington, in the County of Durham).

COUNSEL:

W. Ross Strike, Esq.................................................. for Claimant

H. J. Sims, Esq., K.C.................................................. for Respondent

## DECISION OF THE BOARD

This is an Arbitration to determine the Compensation to be paid by the Department of Highways to the Claimant, for certain lands expropriated by the Department, Notice of Registration of the plan was given by the Department to the Claimant on the 19th of December, 1941.

The Claimant states he purchased the farm, Lot 9 in the 1st Concession of the Township of Darlington, containing about 72 acres about 8 years ago, for $6,000.00. He said the owners asked $9,500.00 but he had only $6,000.00 in cash and would not mortgage his land. The farm was situated on No. 2 Highway, immediately east of Bowmanville. The farm buildings were some distance from the Highway and faced on the sideroad. The plan shows that the front of the farm, with the exception of the Easterly part which was low, had been subdivided into building lots, but no lots had been sold. The rear Southerly portion of the farm, claimed to be about 42 acres was orchard and the front portion, about 12 acres, including the subdivided area, was the only part of the farm under cultivation. At the Easterly end of the farm was a swale running Southerly from the Highway. This swale was not cultivated, was partially covered with brush, and had been used as a pasture. An entrance to this swale could be had from the Highway but had been blocked by the erection of a Bill Board. The lands taken by the Expropriation are shown on the plan (Ex. 1) as being composed of parts of Lots 14 and 20, Lots 15, 16, 17, 18, 19, having a frontage on the Highway of 380′ with a depth of 300′ and containing about 2.616 acres, ½ of which is high and the balance swale, owing to the bank of the swale being steep the only entrance to the swale is from the Highway.

The Department of Highways expropriated this land for the purpose of erecting a shute for loading sand into trucks. A platform with a bin for holding sand was built into the bank. A roadway from the Highway has been constructed to the bottom of the shute so that trucks can be loaded.

The Claim as filed is as follows:

$1,000.00 as compensation for the value of land taken.

$2,000.00 as compansation for damages suffered.

The particulars of the Claim were set out as follows:

1. The general location of the premises expropriated:

2. The plan filed by the Department indicates that six town lots have been either expropriated in whole or in part and that remaining parts of such lots are valueless.

3. That two town lots are so adversely affected by proximity to the expropriated premises as to be valueless to the applicant as such.

4. The land included in the said plan east of the said town lots is the only normal means of the applicant for obtaining ready access to his property immediately east and south of the premises included in the said plan.

5. Two hundred trees planted and grown to size of saplings and bigger on the premises expropriated.

6. The premises expropriated have deprived the applicant completely of a very valuable site for a cold storage plant for fruit and especially apples, and for which the Applicant was already planning.

7. The applicant has been deprived of an annual income from outdoor advertising signs for which the said premises were especially adapted.

The evidence shows that the Claimant purchased the farm containing 72 acres about 1936 for $5,000.00. That 12 acres of land was under cultivation, about 30 acres of orchard, not 42 acres as stated.by the Claimant, and the balance was marsh and fit for nothing but pasture.

With reference to Claim No. 1. The land expropriated was part of and adjacent to a swamp. This expropriation has not affected the balance of the farm to any great degree.

Claim No. 2. The Claimant in his evidence said this part was valuable for the replanting of his orchard. There is no evidence that he ever expected or hoped to sell it off in Town Lots.

Claim No. 3. Remarks as to Claim No. 2 would apply.

Claim No. 4. There is no evidence that Claimant ever used any part of the land expropriated as a means of access to this low land, except to get his stock to water. In fact a Bill Board had been erected at the only point at which access thereto for vehicles could be had.

Claim No. 5. "Two hundred trees planted and grown to size of saplings and bigger." There is no evidence that any trees had been planted on any part of the lands expropriated. The evidence shows that the low land or marsh had been covered with underbrush, but there is no evidence that this underbrush would ever be valuable to any person.

Claim No. 6. The orchard was in poor shape and had not been properly cultivated or cared for, and Claimant did not expect to get more than 50 barrels of apples from it this year. The barn is used for storage of apples and will hold 800 barrels. Claimant says he purchases apples, stores them in his barn, and later sells them. He says that it was his intention to use the location expropriated for the purpose of building a fruit house at the bottom of the hill, by excavating into the bank. Someone told him the cost of this would be about $5,000.00. He had seen a fruit house built in this manner before he purchased the farm. The Board was not impressed with this part of his claim.

Claim No. 7. "Annual income for outdoor advertising." It is true there was a Bill Board erected at the top of the bank on the west limit of the lands expropriated for which he had received $15.00 per year.

The Claim for Compensation for damages, over and above the actual value of the land taken, has not been proven to the satisfaction of this Board. One-half the land was low and marshy, and could be used only for pasture. A field for pasture might be very valuable to some farms, but on this farm composed of 72 acres, 30 acres was in orchard, only 12 acres could be used for cultivation and the balance was low land along the creek. One and one-half acres of pasture would not be as valuable to this farm as it might be to another.

Although a plan subdividing the front of the farm into lots had been prepared, the plan had not been used. In the conveyances, the lots were not referred to as a subdivision and the Claimant said he wanted the lands for the purpose of an orchard.

The Department during the Trial, offered to reconvey to Claimant a strip 66 feet on the West side of the Road Allowance, and to allow the Claimant to use its roadway so that he could have entrance to the balance of his low land and to a Fruit House should he desire to construct within 3 years such a place South of the lands expropriated.

The Claimant placed a value of $50.00 per acre on the low land 1½ acres, and $500.00 per acre on the high land. Robert Roy Stevens valued the low land at $50.00 per acre and the high land, 12 acres, at $200.00 per acre, but said that if a part only were taken it should be worth $100.00 per acre more. He has never been on the farm. Sterzinger, another Witness for the Claimant placed the same value on the lands, but said that if he were going to buy that farm he would pay $1,000 less for it after the expropriation.

Norman Richardson, Chief property Valuator, for the Department of Highways, said he had purchased the right-of-way for the new Highway immediately South of these lands at $75.00 per acre. He valued the high land at $125.00 per acre and the low land at $25.00 per acre—a total of $195.00 for the 2.61 acres. He offered Claimant $261.00.

John A. McMillan, Real Estate Valuator for the Department of National Defense and formerly farmer, Valuator for J. A. Willoughby Co., valued the high land at $100.00 per acre and the low land at $20.00 per acre, but allowed $44.00 for forcible taking. A total of $200.00.

C. J. Rundel, a farmer who lives near Claimant, and who had cultivated the front field said the Department had expropriated the poorest part of the field, and that that part was wet and cold. He placed a value of $300.00 on the land taken, to cover everything, but said that $300.00 was more than it was worth.

Charles Belden, Assistant Property Valuator for Department of Highways, said that he had offered $261.00 to the Claimant and that Richardson later offered $300.00 to get immediate possession. Both offers were refused. He said he had purchased four similar sites at $40.00 per acre or less. Mr. Richardson a few days before this hearing came on, offered the Claimant $700.00 so that the costs of this arbitration might be saved. This offer was refused.

The Claimant has been most unreasonable in his Claim, in his refusal to accept one of the offers made to him, and by reason of his refusal the Department has been put to the expense of this Arbitration.

In the opinion of this Board a reasonable allowance for Compensation to the Claimant for the Land taken including all damages is the sum of $300.00. The Board under the circumstances will make no Order as the conveyance of the 66′ strip along the road allowance for the use by the Claimant of the roadway the Department has constructed as before referred to, but will leave arrangements therefor to be made between the parties, if they so desire.

There will be no Order as to costs, the Claimant having paid the Board's fee of $25.00.

Judgment accordingly.

DATED at Toronto, this 29th day of October, A.D., 1942.

R. S. COLTER,
Chairman.

W. P. NEAR,
Vice-Chairman.

P.F. B-929

IN THE MATTER of "The Power Commission Act" (R.S.O. 1937, Chapter 62), and

IN THE MATTER of the award of Valuator under the said Act, for compensation for land taken or used or damage done to land taken or used or damage done to land and property in Lot VI, Concession III, Township of March, County of Carleton and Province of Ontario, by the Hydro-Electric Power Commission of Ontario, and required for its transmission line.

COUNSEL:

Alastair MacDonald..........for Leonard Logan, Owner

W. G. Hanna..........for Hydro-Electric Power Commission of Ontario

## DECISION OF THE BOARD

THIS IS AN APPEAL from the finding of the Valuator awarding the owner $260.00 as compensation for land taken or used or damage done to land and property in Lot 6, Concession 3 of the Township of March in the County of Carleton by the Hydro-Electric Power Commission of Ontario and required for its transmission line.

In 1932 the Commission had erected a power line through these lands and obtained an easement over a strip of land 150 feet wide. On this it erected two steel towers. A settlement was arrived at as to damages in this matter.

In January, 1940, the Commission erected 5 sets of double poles with transmission lines along the northerly side of the former lines. One set of these poles was erected in, what the owner calls a brooder house yard, and near a well. In erecting this set the owner claims they damaged a Page wire fence 20 rods long and a chicken wire fence surrounding it. He claims the Commission didn't put it back, and he didn't repair it, with the result that the cows completely destroyed it.

He claims that the workmen also damaged the wooden top of his well, and earth thrown up by the workmen was washed into the well. He also claimed damages as the result of this pole set being too close to his house, thereby creating a danger and ruining the reception on his radio.

An elm tree in a field was cut down. The Claimant claimed he used this as an anchor and stacking pole for his hay. He also used it as an anchor for a fence and claims that this fence was ruined. He claims that his line fence was cut and the posts taken out. Another claim is for damages for loss of time in going after cattle which got on the highway. Another claim is for damage by reason of the loss of a spring under the wires. He also claimed damage done to the mower by reason of pieces of wire left by the workmen and damage for use of his outhouse.

After the report of the Valuator, the Commission sent men out to attempt a settlement but he would not assist. He felt that the Commission has not treated him fairly in that the workmen came in without consulting him, and were not reasonable in the manner in which they carried on their work. He is not the first owner who has complained, and the Board feels that much trouble and annoyance both to the Commission and the owners would be eliminated were a more reasonable attitude exercised by the Commission's workmen.

An amicable settlement was arrived at between Logan and the Commission in 1932 when the line was erected through the middle of Logan's farm. It was the little annoying things caused by the thoughtlessness of the workmen which caused the trouble in this case. These were played upon by outside influence and the arbitration resulted.

The line in this case has been erected parallel to and adjoining the line erected in 1932. Some fences were taken down, a tree was cut down, and some land was occupied by the poles and supporting wires but had the owner done what a reasonable farmer should have done the damage would have been slight. To have left the chicken fence lying on the ground so that it would be trampled and ruined by his cattle was most unreasonable.

His claim was made up by Clarence H. Steele, who is a Real Estate Broker in Ottawa, and who had some experience in valuing damages for claimants in expropriations in Quebec. He valued the farm at $9,000 and in his opinion the second taking reduced the value of the farm by 10%. In his opinion 4.1 acres had been taken in this case and had the line been taken on the front of the farm, the damage would have been $100.00 per acre, but having been taken adjacent to the other line, the damages was $200.00 per acre. The Board was not favourably impressed by his evidence.

The Claimant values the elm tree at $50.00. He says he used this as a "stacking pole" for stacking his hay. He claims that beneath this power line is a spring which produced water most of the year. He says he intended to erect a windmill at the spring, and that the erection of this line prevented such erection. The spring has been there for years but no windmill was erected and by looking at the photographs filed showing the condition of the buildings, the Board doubts whether a windmill would ever have been erected.

The Valuator estimated the damage for poles with anchors and the tree at $260.00. A. M. Fitzsimon and Charles W. Ross, witnesses for the Commission, fixed the damage for the erection of poles at $289.70. The Board finds that this amount for that damage is reasonable. On the 7th of October, 1941, the Commission offered to pay $8.00 for well cover and to supply Claimant with the following materials:—

17 Rods 9-strand Page Wire Fencing.
20 Rods 20-strand Chicken Wire Fencing 5′ high.
16 Cedar Posts 8′x6″ Top.
4 Cedar Posts 9′x6″ Top, for corners.
6 Cedar Braces 12′x6″ Top.
6 Brace Wires and necessary staples.

This offer is reasonable and should have been accepted by Claimant.

The Board therefore orders that the Commission do pay to the Claimant:

| | |
|---|---|
| Damages as found by Valuator | $289.70 |
| Damages to well cover | 8.30 |
| | $297.00 |

and that the Commission do deliver to the Claimant at his farm:

17 Rods 9-strand Page Wire Fencing.
20 Rods 20-strand Chicken Wire Fencing 5′ high.
16 Cedar Posts 8′x6″ Top.
4 Cedar Posts 9′x6″ Top, for corners.
6 Cedar Braces 12′x6″ Top.
6 Brace Wires and necessary Staples.

within thirty days. Interest on $297.00 at 5% from the 30th day of January, 1940, till payment, shall be allowed to the Claimant.

Costs in the sum of $100.00 shall be paid by the Commission to the Claimant, and in addition thereto the Commission shall repay to the Claimant the sum of $25.00 the Board's fee, paid by the Claimant upon the application.

DATED at Toronto, this 16th day of April, A.D., 1942.

R. S. COLTER,
Chairman.

W. P. NEAR,
Vice-Chairman.

P.F B-1153

IN THE MATTER of Section 101, Subsection (16), (17) and (18) of "The Public Health Act" (R.S.O. 1937, Chapter 299).

BETWEEN:

THE CORPORATION OF THE TOWNSHIP OF NELSON
Applicant

—and—

THE CORPORATION OF THE TOWN OF BURLINGTON
Respondent

H. E. McKitrick, Esq ........................................ Counsel for the Applicant
E. H. Cleaver, Esq., K.C.... ........................................ Counsel for the Respondent

## DECISION OF THE BOARD

THIS IS AN APPLICATION, under Section 101, Subsections 16, 17, and 18 of "The Public Health Act" (R.S.O. 1937, Chapter 299) by the Township of Nelson for the fixing by this Board of the charge to be made by the Corporation of the Town of Burlington for sewer connection and services to fifteen houses in the Township of Nelson, built by A. S. Nicholson & Son, Limited.

The sewerage system of the Town of Burlington consists of a gravity system of sewers to a sump and pumping station located on the Lake Shore Road in the Town, and from here the sewage is pumped through a twelve-inch cast iron main to a sewage treatment plant located east of the Town in the Township of Nelson, and from this plant, the effluent flows through an outfall to Lake Ontario. The sewage treatment plant is of the trickling filter type, with the usual sludge drying beds.

The fifteen houses in question are located in the Township of Nelson, and to the northwest of the Town of Burlington, on lands immediately adjoining the Town limits. Five houses are on the north side of Birch Avenue, and ten on the west side of Clark Avenue. When first built these houses were served by septic tanks, but the operation of these tanks was so unsatisfactory, that the Nicholson Company were obliged to re-purchase several of the houses sold. Evidence indicated that some of the cellars of these houses were filled with surface water, and that water also stood in ponds on the lands around the houses. Hence it appears that some of these houses were erected on low-lying lands, and that surface drainage as well as sewage outlet was required.

Some time prior to the 27th of March, 1942, application was made by the Township for connection to the Town sewer system. On the 27th of March, 1942, a By-law was passed by the Town (Ex. 5) providing "That the Mayor and Clerk be and they are hereby authorized to execute an agreement bearing even date herewith and made between this Municipality and the Corporation of the Township of Nelson to provide for the supply of sanitary sewage services to such residents of the Township of Nelson as may from time to time be permitted by resolution of this Council to construct sanitary house sewer connections." An agreement (Ex. 3) was prepared and submitted to the Township providing for the payment of $23.25 per year for each of the fifteen sewer connections.

On the 26th of April, 1942, the agreement had not been signed by the Township, and there is no evidence before this Board that notice had been given by the Township prior to that date, that the agreement was not satisfactory. Just prior to the 28th of April, John Wilkinson, the Chairman of the Sewer Committee of Burlington, investigated and found that the sewer along Clark Avenue had been laid, and that a connection had been made with the Town sewer within the Town Limits, and without authority from the Town. Mr. Cleaver, the Town Solicitor, was instructed to write the Township Clerk, and on April 28th, he sent the letter (Ex. 4) to J. A. Pettit, Clerk and Treasurer of Nelson Township, and sent a copy of the letter to Nicholson & Son. No answer from the Township Clerk has been submitted to this Board, but a letter dated May 2nd, 1942, a copy of which has been filed as (Ex. 5) was received from Nicholson & Son, saying that in view of the passing of the By-law, work was started, septic tanks had been removed, five houses had been connected, and if the connection is severed, a serious condition would arise which would affect the health of the owners and tenants, and the Town would be responsible for any damage arising from the disconnection. This high-handed procedure on the part of Nicholson & Son, did not favourably impress the members of the Board, but these tactics should not influence a finding of the Board as to a fair price to be paid for the connection.

In his Report (Ex. 2) Mr. Redfern says that the Pumping Station Sewage Treatment Plant and auxiliary works to dispose of sewage, were constructed in 1915, at a total cost of $65,000.00 and uses this figure as a fair value. He figures 4% as a reasonable rate of interest, and adds 0.65% for depreciation, and comes to the conclusion that 4.65% of $65,000.00 or $3,022.50 would be the annual payment over 50 years to cover interest and depreciation. In this he does not include the cost of the sewer from the corner of Birch and Hager Avenue, where the connection was made to the sewer system. The evidence shows that debentures issued for this work were on a 30-year term, and at 5½% and 6%. Mr. Redfern says the cost of operating the sewage disposal works averaged $2,200.00 per year. He adds to this $600.00, part of the Town Foreman's salary, making the toal annual total of operation and fixed charges $5,822.50. He estimates the sewage pumped averaged 140 million gallons per year, and arrives at a cost of $41.59 per million gallons.

He then estimates that each house would discharge 180 gallons sewage per day, and the 15 houses would discharge 985,000 gallons per year—or 1,000,000 gallons in round figures.

He then estimates $36,000.00 as the cost of the trunk sewers from the connection to the pumps, and the lateral sewers at $12,000.00 and gives both an estimated life of 60 years. A total annual cost of $2,121.60. For trunk sewers and laterals he estimates the 15 houses should pay $15.91 and $21.21 per year, making a total including $41.59 of $78.71 or $5.25 per house.

Ex. 8. filed by the Town, shows that the average annual cost to householders in the Town to be $23.28 per service.

George H. Power, the Municipal Engineer for Burlington, says that the disposal works were originally constructed to care for 2,000 people, but that this was increased in 1933 to care for 3,000 people, and he says that the plant is overtaxed at the present time, and that to care for Burlington now, the size of the plant should be doubled. He estimates the cost of doubling the plant to be $65,000.00.

In 1926 there were 722 services; in 1940, 978 services, and in 1941, 1,030 services in Burlington, and it is contended by the Town that if outside services are connected, this plant must be rebuilt and increased in capacity. Mr. Redfern, in his report says that "after 26 years of operation, these sewage disposal works are still functioning, and will likely continue to do so, with certain repairs and extensions, for a considerable time to come."

Mr. M. M. Bush, Clerk and Treasurer of Burlington testified that 57,103 feet of property in Burlington was served by sewer, and that there were 37,931 feet, (some of which was not subdivided) not served.

The evidence indicates that the Town of Burlington was willing to extend its sewerage facilities to serve these fifteen houses, as shown by by-law passed (Ex. 5) and agreement submitted (Ex. 3) and the Board finds that the Town should not now be permitted to raise the question as to whether or not they, the Town, are compelled to extend these sewerage facilities to properties in the Township, because of the fact that the Sewage Treatment plant is located in the Township and that the connecting sewer to this Treatment Plant is a force main.

The application of Mr. Cleaver for non-suit is therefore dismissed.

The Board must now find what is a fair rate for the Town of Burlington to charge the houses in question in the Township of Nelson for sewerage facilities.

The evidence submitted by the Town fixes a rate of $23.25 per year per house, and the evidence submitted for the Township proposes $5.25 per year per house.

Reference is made in Mr. Redfern's report (Ex. 2) to rates paid in Welland, and London, and the Board has written to the Clerks of these Municipalities for details of these rates, and has received information as follows:

**Welland.** The rate of $5.00 per connection was for use of sewer system only. Welland has not a sewage treatment plant, the charges so received are applied to cost of cleaning and maintaining sewers.

**London.** The rate of $4.50 applies to a single residence or unit of residences, and for all houses abutting on a sewer, whether connected or not. The sewer system for which this charge was designed, is in Westminster Township, and its outlet is in a Disposal Plant of the City of London, hence the charge is for sewage treatment only.

London has another plan where an owner in the Township pays the cost of bringing his sewage to the city sewage system, and he is permitted to secure outlet by paying $250.00 in cash. It is noted that this charge is for use of sewer system and sewage disposal, and would result in a much higher annual charge than the $4.50 above cited. Interest alone on $250.00 at 4% would be $10.00 per year.

The Board made further request to the Clerk of Burlington to secure, if possible, a breakdown of the second column of figures in Ex. 6, headed "Repayment Local Improvement," but the information received is not applicable.

The Board feels that a property in the Township should be charged a rate at least comparable with that charged in the Town. The Board is desirous of enunciating a principle on which rates of this kind may be determined, but the evidence submitted varies so widely, and is so incomplete, that such a principle is difficult to determine.

The Board has used the figures as given in Ex. 6 to arrive at the following:

| | |
|---|---|
| Average Annual Maintenance for the years 1936 to 1940, inclusive is | $4,227.66 |
| This amount divided by the number of services in 1940—viz 978—gives—unit cost of Maintenance per service— | 4.32 |
| Average Annual General Debenture Debt Charges for the years 1936 to 1940 inclusive | 4,590.23 |
| This amount divided by 978 gives—Unit cost of General Debt per Service | 4.69 |
| Assuming that 35% of the Debenture Debt of the Local Improvement System is the Statutory Corporation's share—the average annual Corporation's Share of Local Improvement Debenture Debt for the same period is | 5,321.00 |
| and the Unit Cost of such Debt per service is | 5.44 |
| Total Unit cost per service | $14.45 |

Add to this Unit Cost the Statutory Local Improvement Frontage Tax to an average property in the Town, and the Total Cost per Service in the Town is arrived at—for the particular 5-year period considered, and using the number of services in the final year of such period.

The houses in question are being assessed Local Improvement Rates for the local sewers, and the Board is of the opinion that a similar unit charge per service as calculated above should be charged to each service unit in the Township, and that such a charge should be made, subject to revision at five-year intervals.

The Board therefore finds as follows, and fixes the charges accordingly:

| | |
|---|---|
| For the year 1942—2/3rds of the year—the charge per house is fixed at | $10.00 |
| For the years 1943, 1944 and 1945—the charge per house shall be fixed at | 15.00 |

This charge of $15.00 per house shall continue, subject to revision in the year 1946, and thereafter at five-year intervals, based upon the following:

(a) The calculation of a rate per service in Burlington for cost of Maintenance, by taking the average annual cost of maintenance for sewers and sewage disposal for the five-year period immediately preceding the year in question, and the division of this amount by the number of sewer services in the Town at the end of this five-year period.

(b) The calculation of a rate per service in Burlington for General Sewer Debt Charges by the division of the average annual general sewer debt charge for the five-year period immediately preceding the year in question, by the number of sewer services in the Town at the end of this five-year period.

(c) The calculation of the average annual statutory corporation's share of the sewer system debt, on the assumption that the cost of the sewers are assessed as straight local improvements for the five-year period immediately preceding the year in question, and the division of this amount by the number of sewer services in the Town at the end of this five-year period.

The sum of rates (a), (b) and (c) shall be the rate per service, per year, for the ensuing five-year period.

The applicant having paid the Board's fee of $25.00, the Board makes no further order as to costs.

DATED at Toronto this third Day of December, A.D., 1942.

R. S. COLTER,
Chairman.
W. P. NEAR,
Vice-Chairman.

P.F. B-1042.

IN THE MATTER of Section 27 of "The Department of Municipal Affairs Act,"

— and —

IN THE MATTER of an Appeal by the City of Windsor Separate School Board Debenture Holders' Committee from an "Order" of the Department of Municipal Affairs dated the 13th day of April, 1942, approving of the Budget of the Board of Trustees of the Roman Catholic Separate Schools for the City of Windsor for the year 1942.

COUNSEL:

N. T. Berry—for the City of Windsor Separate School Board Debenture Holders' Committee.

L. Z. McPherson—for the City of Windsor Separate School Board and for the City of Windsor.

## DECISION OF THE BOARD

THIS IS AN APPEAL on behalf of the City of Windsor Separate School Board Debenture Holders' Committee from an Order of the Department of Municipal Affairs dated the 15th day of April, 1942, approving of the budget of the Board of Trustees of the Roman Catholic Separate Schools for the City of Windsor for the year 1942.

From the statement made to the Board it appears that default was made by East Windsor and Sandwich in the year 1932 and by the City of Windsor in 1933. The debt of the Separate School Boards amounted to $2,072,310.04 and, at the date for the last interest payment, of interest in 1941, interest had accumulated and amounted to $1,147,622.02. For the past two or three years the Separate School Board has set aside in its budget small amounts to be paid on account of its debt. In the 1942 budget the Board set aside the sum of $12,000.00 to be paid on account of its debt, but, at the request of the Department of Municipal Affairs, increased this to $20,000.00 and the Department approved of the budget. From this approval the Debenture Holders' Committee appeals to this Board.

During the course of the argument, before any evidence was produced, an adjournment was asked and during the course of the adjournment the Separate School Board agreed to insert in its budget another $10,000.00, making provision for the payment of $30,000.00 on account of its debt in 1942. It pointed out that in addition to this it must raise this year over $8,000.00 to provide for the payment of the costs of the appeal to the Privy Council. The assessment of lands for Separate School purposes in the City of Windsor is $15,700.00 and one mill raises the sum of $15,700.00. After the adjournment a statement was made to the Board that the Separate School Board had agreed to insert an extra $10,000.00 in its budget and that it would be impracticable to raise any further sum by reason of the fact that if the Separate School rate was very much higher than the Public School rate, a lot of Separate School Assessment would be lost. A few years ago the Separate School rate was increased and assessments were switched. The Separate School Board agrees that it will on or before the first day of October, 1942, submit to the Board a plan for the payment of its debt. The Debenture Holders' Committee ask that the budget of the School Board be increased so that it would be able to pay at least $80,000.00 on account of its debt. This would mean an increase in the tax rate of an extra four mills.

No evidence was offered by either side to show any ability in the School Board to raise more than $30,000.00 to be paid to the Debenture Holders' Committee this year. The City of Windsor is ready to fix its tax rate so as to enable them to levy both for city expenditures and for expenditures of the Roman Catholic Separate School. To go into the whole matter at the present time would result in the tax rate of Windsor not being fixed for some time and would also mean that the work of submitting to the Board evidence sufficient for the Board to make a finding would be duplicated when the preparation of the plan is undertaken.

Under the circumstances the Board dismisses the appeal of the Debenture Holders' Committee, providing the Separate School Board levies in the year 1942, sufficient to pay the sum of $30,000.00 for the purpose of serving the debt of the Board and on the undertaking that the School Board will submit to this Board a plan for the refunding of its debt on or before the 1st day of October, 1942.

There will be no Order as to costs except that the Applicant shall pay the Board's fee of $25.00 herein.

DATED at Toronto this Sixth day of May, A.D., 1942.

R. S. COLTER,
Chairman.

W. P. NEAR,
Vice-Chairman.

P.F. A-6222

IN THE MATTER of a plan for funding and refunding the debts of the City of Windsor (Municipalities of East Windsor, Walkerville, Windsor and Sandwich) and

IN THE MATTER of an application of A. McPherson, one of the Trustees appointed pursuant to Article VIII of the said plan for interpretation and operation of Article IV of the said plan.

COUNSEL:

E. G. McMillan, K.C., and
N. T. Berry..........for the Applicant, A. McPherson

L. Z. McPherson, with
Mayor Reaume..........for the City of Windsor

## DECISION OF THE BOARD

THIS IS AN APPLICATION by A. McPherson and the City of Windsor asking for a clarification of the decision of the Board dated the 13th day of April, A.D., 1942, with reference to certain payments in the proposed budget of the City of Windsor.

**1.—Discount on Taxes, $80,000.00.**

When the matter was before the Board, there was nothing to show that the Council of the City of Windsor had approved of the resolution passed by the Board of Control. On the application for clarification of the decision, there has been filed with the Board a copy of the resolution of the Council of the City of Windsor approving of the action of the Board of Control declaring that discount on taxes should be considered as an operating expense of the City of Windsor. The Board therefore finds that discount on taxes is an operating expense of the City of Windsor and should be treated as part of the expenses of the City.

**2.—Air Raid Precautions.**

Payments made on account of air raid precautions does not come under one of the exceptions in Article IV and all payments made on account of air raid precautions are operating expenses of the City.

**3.—Cost of Living Bonus.**

Although this is a temporary expense and an expense which the Federal Government has placed upon the shoulders of all employers except Municipal and Provincial employers, and although it was not seriously objected to by the applicants in the former hearing, the Board must find that it is one of the operating expenses of the City.

**4.—Public Utilities Commission.**

Under this heading the Board has found that hospital deficit is one of the items which come under the authority of the Windsor Public Utilities Commission and as such come within the exemptions provided under Clause (a) of Section 1 of Article IV of the plan. The City has asked that the Board should find that the estimates for sewer maintenance, water frontage, Board of Health, post sanitorium care, house numbering and street naming, should come under the said section. It is impossible for the Board at the present time to find that all of these items are the direct responsibility of the Windsor Border Utilities Commission, but find that so long as expenditures come within the provisions of Chapter 98 of the Statutes of Ontario, 1929, or amendments thereto, they are to be considered as exemptions from the budget. The attention of the city might be called to the fact that the Commission has power to deal with construction, maintenance and operation of trunk sewers and intercepting sewers, and any drainage works that interfere with the said sewers. With reference to water frontage, the Board finds that expenditures made on this account are the direct responsibility of the Windsor Border Utilities Commission and are exempt. With reference to the expenditures under the heading of Board of Health, the Commission by the Act shall have the powers and privileges and perform the duties of the Municipal Council under the Public Health Act. Expenditures made for that purpose are expenditures by the Windsor Utilities Commission and as such come within the exemptions. With reference to post sanitorium care, the Windsor Utilities Commission has power to establish, erect, maintain, manage and control one or more isolation hospitals for the reception and care of persons suffering from any communicable disease and to erect, establish, equip, maintain, manage and control a public hospital for the Essex Borders Municipalities for the treatment of persons suffering from diseases or injuries, and to provide for the expenditures necessary therefor. It must be noted that the Act should be construed strictly. No evidence has been offered to the Board with reference to this item. Unless an expenditure for post sanitorium care is an expenditure by the Commission by reason of the maintenance, management and control of an isolation hospital or a public hospital or the local Board of Health, it should not come within the exemptions. With reference to house numbering and street naming, this no doubt would come under Section 28 of the said Act as part of the duties of the Utilities Commission in town planning, and should under those circumstances come within the exemptions.

DATED at Toronto this 27th day of April, A.D., 1942.

R. S. COLTER,
Chairman.

W. P. NEAR,
Vice-Chairman.

P.F. A-6222

IN THE MATTER of a plan for funding and refunding the debts of the City of Windsor (Municipalities of East Windsor, Walkerville, Windsor and Sandwich) and

IN THE MATTER of an application of A. McPherson, one of the Trustees appointed pursuant to Article VIII of the said plan for interpretation and operation of Article IV of the said plan.

COUNSEL:

| | |
|---|---|
| E. G. McMillan, K.C. | for the Applicant, A. McPherson |
| L. Z. McPherson, with Mayor Reaume | for the City of Windsor |

## DECISION OF THE BOARD

THIS IS AN APPLICATION by A. McPherson, one of the Trustees appointed pursuant to Article VIII of the Windsor Refunding Plan as to the interpretation or operation of Article IV, Section 1a, of the plan. The Council submitted its budget for 1942 to the Trustees as provided in Article IX on March 4th, 1942. The Trustees did not notify the City that they did not approve of the Budget. The applicant did not agree with his co-trustees with reference to certain items of the Budget being treated as exemptions. These items were:

| | |
|---|---|
| 1. Discount on taxes | $80,000.00 |
| 2. Air Raid precautions | 25,516.00 |
| 3. Cost of Living Bonus: | |
| City | 51,202.00 |
| Schools | 38,829.00 |
| 4. Hospital Deficit | 30,000.00 |

The plan provides that should the operating expenses of the City exceed the sum of $2,900,000 in any year, 125% of the excess shall be paid to the Trustees before October 1st of the following year. One-half of this payment shall be paid into a fund known as an Income Interest fund to increase the Interest on Debentures outstanding and the other half shall be paid into a Sinking fund for pre-payment of Debentures.

It should be understood that this is not an appeal to the Board to determine any matters at issue between the Trustees and the City with respect to the Budget under Article IX.

Counsel for A. McPherson during the course of the hearing, asked that he be heard, not as one of the Trustees, but as Chairman of the Windsor Bondholders Protective Association, under Section 7 of Article XI of the Plan.

**1.—Discount on Taxes**—It appears to the Board that the right to exempt this item from "Operating Expenses" was raised by reason of the result of a meeting held at the Parliament Buildings on the 14th day of April, 1937, at which the Board of Control of the City of Windsor met Mr. Cross, the Chairman of the Board and discussed certain matters of disagreement between the City and Debenture Holders after which meeting the Board of Control passed the following resolution:

Moved by Controller Reaume,

Seconded by Controller Curry:

That the Board of Control, on behalf of the Corporation of the City of Windsor, agree to accept the following variations in the Judgment of The Ontario Municipal Board, dated December 21st, 1936:

1. That all debentures be for a period of forty years.

2. That the mandatory interest rates payable be as follows:

| | |
|---|---|
| For Walkerville Debentures | 4 % |
| For Windsor Debentures | 3¼% |
| For East Windsor Debentures | 2 % |
| For Sandwich Debentures | 1½% |
| With a maximum mandatory interest rate of | 4½% |

3. That the provisions for income interest be included on the basis of an operating budget of $2,900,000 inclusive of tax discounts, the division of income interest being 62½ cents to Sinking Fund and 62½ cents to Interest out of the additional 125% provided.

4. The Trustees will be authorized to purchase at a discount, where available, the outstanding debentures of the City, subject to whatever provisions of "The Municipal Act" may apply on that behalf.

Mr. Reaume is now Mayor of the City of Windsor and with Mr. McPherson argued that this Resolution was not binding on the City and there is nothing before the Board to show that this Resolution was ratified by Council. The Board has been unable to find amongst the papers filed previous to the Order of the Board of June 15th, 1937, any resolution or By-law which directly referred to this resolution or agreement, but the order in the 11th line of the third recital says:

> "and an agreement having been reached between the said City and the majority of the creditors represented on the hearing in accordance with the terms and provisions set forth in the Plan herinafter referred to—"

and directs:

> "2 (a) The By-law, a copy of which is attached hereto and made Schedule B and part of this Order, be forthwith passed by the Municipal Council of the Corporation of the City of Windsor."

By-law 113 of the City of Windsor passed in accordance with said Order in its recital says:

> "and (c) the ratification and confirmation of the agreement, arrangement or compromise entered into by the new City of Windsor with the creditors of the said former Municipalities as contained in the said Order".

Without some further evidence it would be impossible for the Board to find that "Discount on Taxes" is an item which should be considered a part of the "operating expenses" of the City, if it can be treated as such. It is not collected. It is not paid out. It is a reduction in taxes to the ratepayer who pays his taxes on or before a certain date. The City Council believes that allowing a Discount on Taxes is in the interests of the taxpayer, the City and the creditors of the City, because it assists the City to carry on its business without the necessity of borrowing large sums of money from the Bank. It is a bookkeeping entry only.

**2.—Air Raid Precautions.**

In the opinion of the Board this is an operating expense of the City. It is true that the Federal Government has suggested and even advised the construction of these shelters but there is no legislation compelling their construction. However, it is a temporary measure, and the applicant is not seriously contending that it should be considered as an operating expense.

**3. Cost of Living Bonus.**

This is a temporary expense. The Federal Government enacted that all employers, except municipal and a few others, should pay a cost of living bonus. It was deemed necessary that a Municipality such as this should follow the example set by others. This is not seriously objected to by the applicant.

**4.—Hospital Deficit.**

The Windsor Utilities Commission is the successor of the Essex Border Utilities Commission. The Statutes of Ontario 1929, Chapter 98, sets out the powers of the Commission, gives the Commission power to perform the duties of a Municipal Council under the Public Health Act, Section 24, and Hospitals are referred to in Section 25. Therefore the Board finds that this item is properly allowed under "Expenses of the Windsor Public Utilities Commission."

Counsel for the City contended that McPherson was not a person within the meaning of the plan, and that when the majority of the Trustees agreed that they should not notify the City that they did not approve of the Budget, a dissenting Trustee could not act alone.

The Board finds that the majority of the Trustees control the action of the Trustees and that a dissenting Trustee has no power under Article IX to dispute the Budget.

The Provisions of Article XI, Section 7, are very broad, and the Board finds that the words "any of the persons referred to herein," should be construed in a broad sense and certainly would include the Chairman of the Windsor Bondholders' Protection Association.

DATED at Toronto this 13th day of April, A.D., 1942.

R. S. COLTER,
Chairman.

W. P. NEAR,
Vice-Chairman.

## APPROVAL RESTRICTED AREA BY-LAWS

P.F. B-1484

IN THE MATTER of Section 406 of "The Municipal Act" (R.S.O. 1937, Chapter 266), (as re-enacted by Section 13, Chapter 35, O.S. 1941), and

IN THE MATTER of an application by the Corporation of the Village of Portsmouth for approval of its By-law No. 562 intituled: "By-law No. 562. By-law for the Zoning of the Village of Portsmouth."

BETWEEN:

David J. Rankin, Esq ........ Counsel for the Applicant

— and —

H. L. Cartwright, Esq....... Counsel for Marguerite and T. M. Patterson, Objectors

### DECISION OF THE BOARD

THIS IS AN APPLICATION by the Village of Portsmouth for approval of a Restricted Area By-law No. 562 of the Village of Portsmouth which is undated but which was received by the Board on the 26th October, 1942.

Notices of the Hearing before this Board were duly mailed so that they might be in the hands of the property owners at least ten clear days before the date of the Hearing, which was set for the Eighteenth day of December, A.D., 1942, at the hour of Two o'clock, in the afternoon at the Council Chamber in the Village of Portsmouth.

Upon the Hearing before the Board on the 18th December, H. L. Cartwright, Esq., appeared for Marguerite and T. M. Patterson, the owners of certain properties on Church Street, on which were being erected by the owner four houses and this By-law seems to have been directed against these buildings. It appeared from the evidence before the Board that Permits had been issued for the erection ot three of the four houses, the foundations of which houses were directly in line with the Church building, and objection was taken to the erection of the fourth house, which was being erected at the corner of Centre and Church Street. Although laid out on the plan of the Village, Centre Street had not been opened between Union Street and Church Street, thus creating a gore about forty-five feet, ten inches, on Church Street on which no erections had been made. When seen by the Board, the sidewalks were covered by snow, but it appears that a sidewalk had been constructed on Union Street but that no sidewalk had been constructed on Centre Street between Union Street and Church Street. The foundation for the building objected to had been constructed and, on the 18th December, the owners were placing upon the foundation a building which had been moved from outside the municipality. There was no evidence to show where the line of Church Street ran, but it was admitted that the sidewalk on Church Street was some distance from the street line. The owner of the building at the corner of Centre Street and Church Street, opposite the foundation in question, said that he had erected his house, and garage in the rear, on the line of Church Street and that the front of his house on Centre Street was a few feet from the line of Centre Street but that the "step" of his house was almost on the Centre Street line. Measuring from his building, a distance of sixty-six feet, it would appear that neither the church nor the three houses for which building permits were granted were fifteen feet from the street line of Church Street; in fact, it would appear that the buildings were not more than five or six feet from such line. The foundation for the building erected at the corner seemed to be in line with the foundations of the other buildings and the owners said that the entrance would be constructed from Centre Street. The foundation of the duplex building adjoining this foundation on Centre Street touches the Centre Street line. The foundation of the building objected to seemed to be about one foot from the Centre Street line at the closest point.

In the opinion of this Board, this By-law is directed at the owners of these four properties and the Council has approved of permits of three of the buildings, none of which comply with the By-law. The Council has also agreed to a location of the fourth house at the corner in a position that does not conform with the By-law. The Board, therefore, refuses to approve of the By-law.

The Board's fee having been paid by the Applicant, there will be no further Order as to costs.

DATED at Toronto this Twenty-first day of December, A.D., 1942.

R. S. COLTER,
Chairman.

W. P. NEAR,
Vice-Chairman.

P.F. B-712

IN THE MATTER of Section 406 of "The Municipal Act" (R.S.O. 1937, Chapter 266) (as re-enacted by Section 13, Chapter 35, O.S. 1941) and

IN THE MATTER of an application by the Corporation of the Village of Swansea for approval of its By-law Number 878 "Being a By-law to establish building restrictions for Zone 3, which is sub-divided into Sections, F, G, H and J."

## DECISION OF THE BOARD

THIS APPLICATION by the Village of Swansea was heard by the Board pursuant to Notice as directed on the 28th day of November, 1941.

An objection to the application was filed by Mr. I. S. Fairty, K.C., Counsel for the Toronto Transportation Commission, owners of Lots 10 and 11, occupying 50 feet frontage and lying between Runnymede Road and Kennedy Avenue immediately south of the Runnymede Arms Apartments.

At the hearing, the Board indicated its approval of the By-law excepting in so far as it applied to the property of the Toronto Transportation Commission and an adjournment was granted to December 1st, 1941, to permit the Council of the Village of Swansea and the representatives of the Toronto Transportation Commission to confer and negotiate an agreement.

After the conference had taken place the Board was advised that an agreement was unlikely and was requested to proceed with the disposition of the application. Accordingly an appointment was given for December 18th, 1941 and notice of such further hearing to interested parties in the vicinity of the lots in question was directed by the Board.

At the hearing evidence was given for and against the application of the By-law to the lots in question and the decision of the Board was reserved.

The Board is now of the opinion that By-law Number 878 should not be used to sterilize the use of the Toronto Transportation Commission lots in question and approves of By-law Number 878 except in so far as it affects lots 10 and 11 referred to above.

The following comments are interposed as suggestions to the Council of the Village of Swansea. The Board believes the Council would be well advised to amend the limits of this By-law to exclude lots 7, 8, 9, 10, 11 and 12 from the residential restrictions and permit same to be used for business or commercial purposes or apartments; similarly consideration might well be given to the property on the west side of Runnymede Road and south of the theatre, now said to be occupied by a frame cottage; and also the property on the east side of Kennedy Avenue south of Hughes Motors and now said to be occupied by Hughes Motors.

DATED at Toronto, this 6th day of February, A.D., 1942.

R. S. COLTER,
Chairman.

W. P. NEAR,
Vice-Chairman.

## ASSESSMENT APPEALS

P.F. B-1264

IN THE MATTER of Section 84 of "The Assessment Act" (R.S.O. 1937, Chapter 272).

BETWEEN:

THE MUNICIPAL CORPORATION OF THE TOWN OF FORT FRANCES
Appellant

— and —

THE ESTATE OF JOHN EAST, DECEASED,
Respondent

C. R. Fitch, Esq., K.C. .......................................... Counsel for the Appellant

A. G. Murray, Esq., K.C. .......................................... Counsel for the Respondent

### DECISION OF THE BOARD

THIS IS AN APPEAL by the Municipal Corporation of the Town of Fort Frances from the Judgment of His Honour Judge Byers, dated the 16th day of July, A.D., 1942, in connection with the Assessment of certain properties owned by the John East Estate, for the year 1941.

With the consent and approval of Counsel for both parties the argument was submitted to the Board in writing and such arguments together with the Judge's reasons for Judgment, and note of the evidence taken before the Judge have been presented.

The only dispute with reference to the assessment of lands was in connection with Lot 25, No. 112 Second Street—Appeal numbered 5, in which the parties have agreed that the assessment should be reduced from $700.00 to $600.00.

There is a dispute with reference to the business assessment on Lot 14, Block 4, Plan M. 68 (coal shed). The business assessment on this property was $350.00. The property is assessed for $1,000.00 and is used for the retail sale of coal. Section 8 (5) of "The Assessment Act" provides that every person carrying on the business of a retail coal dealer shall be assessed for a sum equal to 50% of the assessed value of the premises (except in Cities having a population of not less than 100,000). The business assessment on the property should be increased from $350.00 to $500.00.

There are five appeals with reference to buildings. Section 39 of "The Assessment Act" is as follows:

(1) Subject to the provisions of this section, land shall be assessed at its actual value.

(2) In assessing land having any buildings thereon, the value of the land and buildings shall be ascertained separately, and shall be set down separately in columns 14 and 15 of the assessment roll and the assessment shall be the sum of such values. The value of the buildings shall be the amount by which the value of the land is thereby increased.

(3) To remove doubts, it is hereby declared that the cost of a building is only one of the matters which should be considered in ascertaining the amount for which a building should be assessed, and if it is found that a building, either because of its condition as to repair or of its inappropriateness to the location in which it is found or because of any other circumstances affecting its value, increases the value of the land by less than the cost of the building, or the cost of replacing it, such less sum shall be the amount for which the building shall be assessed under sub-section 2; the meaning of that subsection being that buildings shall be assessed for the amount of the difference between the selling value of the whole property and the selling value of the land if there were no buildings on it.

In reading subsection (3) "any other circumstances affecting its value" is very important.

**Appeal Number 1 and Number 2.**—Lot 462, North 50′, being No. 513 and No. 515 Portage Street.

No. 513 is a frame house with verandah, assessed at $600.00. There was not much evidence as to this building and the assessment is confirmed.

No. 515 Portage was formerly used as an office and was assessed at $500.00. In 1940 the building was altered and turned into a two-family apartment, the amount spent in making the alterations being about $500.00. The rental of the two apartments is $45.00 per month. In dealing with this appeal the learned Judge says: "Now if this property was only assessed at $500.00 during the time it was used as a business office, I fail to see where its conversion into two apartments would increase the value of the land by $600.00, particularly in view of the fact that No. 513 is only assessed for $500.00, I am of the opinion that there is no justification for the increase and it should be reduced to $500.00 and direct that the Roll be amended accordingly." The Board is unable to agree with this reasoning. The building may have absolutely no value as an office. The owners must have considered that it would become of more value as an apartment house because they spent some $500.00 in making alterations for that purpose. The rent on this property is $540.00 per year. In the opinion of this Board an assessment of $500.00 would be most unreasonable. The appeal on the building will be allowed and the assessment of $1,100.00 restored.

**Appeal Number 4.**—112 Second Street—This is an appeal with reference to the assessment of $2,500.00 on the building on Lot 25, Block 4, Plan M. 68, assessed at $2,500.00 and reduced by the Judge to $1,800.00. The building is practically new and cost about $2,500.00 less $300.00, or $2,200.00. The Judge reduced the assessment to $1,800.00 after comparing this building with others in the Town. There is not sufficient evidence to warrant the Board in overruling this decision and the appeal is therefore dismissed.

**Appeal Number 5.**—237 Church Street, Assessment $3,550.00, reduced by the Judge $1,050.00 to $2,500.00. This is a four suite apartment building, remodelled in 1932. Rentals $140.00 per month. In 1938 the Municipality brought in an independent assessor who assessed this building at $2,550.00. No alterations have been made in this building and no sufficient evidence has been given warranting an increase in assessment. This appeal must be dismissed.

**Appeal Number 6.**—241 Church Street, Assessment $1,750.00, reduced by the Judge to $1,050.00. His Honour in his reasons for Judgment finds that this building was assessed in 1938 by an Independent Assessor at $1,000.00 but that the increase in assessment was not made until 1940. The Judge reduced the assessment to $1,000.00. There must be some mistake. The assessment on this building has not since 1924 been less than $1,500.00. In 1938 it was $1,750.00, and the same in 1939 and 1940. There has been no increase in this assessment since 1938. The only reason the learned Judge gave for the reduction made by him was that the assessment had been increased and that there was nothing to justify the increase. Since there was no increase in assessment in 1940, the Board can find no valid reason in the evidence submitted for reducing this assessment.

The Board therefore orders:

1. That the assessment of $600.00 on the building at 513 Portage Avenue be confirmed.
2. That the assessment of $1,100.00 ($600.00 and $500.00) on the building at 515 Portage Avenue be confirmed.
3. That the assessment of Lot 14, Block 4, Plan M.68 at $1,000.00 be confirmed and that the Business Assessment be increased to $500.00.
4. That the Assessment of 112 Second Street, Lot 25, Block 4, Plan M.68, be Land $600.00, Building $1,800.00 and that the Business Assessment be fixed in accordance with the Statute (no evidence has been given to the Board as to the class of business carried on).
5. The Assessment of 237 Church Street be—Building reduced from $3,550.00 to $2,500.00 as found by the Judge—Land Assessment confirmed.
6. The Assessment of 241 Church Street be confirmed at $1,750.00.

Order accordingly. The Board's fee fixed at $25.00 shall be paid by the Appellant. No further Order as to costs.

DATED at Toronto, this 8th day of December, A.D., 1942.

R. S. COLTER,
Chairman.

W. P. NEAR,
Vice-Chairman.

P.F. B-787

IN THE MATTER of Section 84 of "The Assessment Act" (R.S.O. 1937, Chapter 272).

BETWEEN:

THE CORPORATION OF THE CITY OF TORONTO
Appellant

— and —

THE ALUMINUM COMPANY OF CANADA, LIMITED
Respondent

(Income Assessment)

J. Palmer Kent, Esq., K.C. .......... Counsel for the Appellant

Hon S. A. Hayden, K.C.,
R. M. Fowler, Esq .......... Counsel for the Respondent

## DECISION OF THE BOARD

THIS IS AN APPEAL by the City of Toronto from the Judgment of His Honour Judge Parker, dated the 20th day of November, 1941, allowing the appeal of the Respondent from the decision of the Court of Revision and reducing the assessment of the Respondent for Corporation income for the year 1940 from $1,994,708.00 to $9,127.00.

In its Corporation Income Return (Exhibit 9), the Respondent claimed the nature of its business to be "Refining and smelting of aluminum ores; fabrication and other conversion of aluminum; and selling, principally aluminum and products thereof": that its head office was Canada Life Building, 340 University Avenue, Toronto, and its chief place of business in Ontario to be at 158 Sterling Road, Toronto.

James Hepburn Grey, Assessor for the City of Toronto, said (P. 67 of Evidence) that he visited the plant at 158 Sterling Road and he found the Company to be manufacturing Pistons, and Rotors for Electric Washing Machines and bottle tops and were rolling aluminum and making aluminum foil. There are a number of buildings on the property, one a ten-storey building occupied by the Respondent and Aluminum Goods, Limited, with other buildings used as a foundry and mills—The part of the buildings occupied by the Respondent was assessed to it and on this assessment it paid business assessment. There is no dispute in respect of this assessment.

The Company was also assessed in 1939, for $1,994,708.00 income received by it from its Subsidiary Companies, under R.S.O. 1937, Chap. 272, Sec. 9 (b) as income not derived from the business in respect of which it is assessable under Section 8. The Court of Revision upheld the Assessment and on appeal from the Court of Revision, His Honour Judge Parker, held that he "would vary the assessment, fixing the assessment on income derived outside the Company's business at $10,627.18—subject of course to the Statutory Exemption." The $10,627.18 was income derived from investments outside of its subsidiary companies, and the Respondent admits that this is taxable income.

From this Judgment the City has appealed to this Board. The appeal was heard on the 26th day of October, A.D., 1942. Copies of the evidence taken in the Appeal before the Judge and the Exhibits used therein, were, with the approval of Counsel for both parties, filed with and used by Counsel on their arguments and no further evidence was produced before the Board.

The Corporation Income Return (Exhibit 9) filed by the Respondent shows:

| | | |
|---|---|---|
| 1. The profit or gain directly or indirectly received by the Corporation from its business or undertaking, but not including income from investments | | $15,508,958.71 |
| 4. Income from Governmental and Municipal Bonds, Debentures and Securities. (List names and amounts)— | | |
| Dominion of Canada | $ 233.74 | |
| Province of New Brunswick | 1,186.07 | |
| Province of Nova Scotia | 620.09 | |
| Province of Ontario | 1,068.90 | |
| Province of Quebec | 1,149.01 | |
| | | 4,257.81 |

| | | |
|---|---|---|
| 5. Income from all other stocks, shares, bonds, debentures and other securities, but not including income from Ontario mining stock. (List names and amounts)— | | |
| Aluminum Limited—Shares | $ 15.00 | |
| Aluminum Limited—Bonds | 1,121.25 | |
| Canadian National Railways | 1,065.58 | |
| Universal Cooler Co. of Canada, Limited | 105.00 | |
| | | 2,306.83 |
| 6. Income from Money loaned upon any Security or without Security | | 287.63 |
| 7. Income from bank deposits | | 3,774.91 |
| 10. Total Income | | $15,519,585.89 |
| 11. Statutory Exemption | $ 1,500.00 | |
| 12. Income derived from the business in respect of which the Corporation is liable to business assessment under Section 8 of The Assessment Act, as shown in Item 1 | $15,508,958.71 | |
| Total deductions and exemptions claimed | | $15,510,458.71 |
| Assessable Income | | $ 9,127.18 |

17. Names and addresses of parent, subsidiary and affiliated Corporations having head office or chief place of business in this municipality:

| Name of Corporation. | Address. |
|---|---|
| Aluminum Goods, Limited, | 158 Sterling Road. |

When asked for a Breakdown of the Income and Subsidiary Companies the Respondent filed Exhibit 2 which shows:

| | |
|---|---|
| Demerara Bauxite Co., Ltd. | |
| Dividends | $ 1,127,083.33 |
| Interest on advances by Aluminum Co. of Canada, Ltd., necessary for the business of its subsidiary | 32,576.02 |
| Saguenay Power Company, Ltd. | |
| Dividend on common shares | $ 506,430.0 |
| Saguenay Terminals, Ltd. | |
| Dividend on common shares | 112,500.00 |
| Interest on money advanced by Aluminum Co. of Canada, Ltd., which loans were essential for the successful carrying on of the business of the subsidiary | 16,335.28 |
| Sprostons Limited. | |
| Dividend on preferred stock for the years 1921, 1922, 1923, 1924, 1925, 1926, 1927 and 1928 | 97,556.26 |
| The Roberval & Saguenay Railway Co. | |
| Interest on money advanced by Aluminum Co. of Canada, Ltd., for the necessary operation of this subsidiary to cover the amount of which ($1,330,000.00) bonds were issued by the subsidiary to Aluminum Co. of Canada, Limited | 93,100.00 |

In its notice of appeal the Appellant claimed:

(1) That the income received by the Respondent by way of interest and dividends from other companies is income not derived from the business in respect of which the Respondent is assessable under Section 8 of The Assessment Act.

(2) That the learned County Court Judge has erred in his interpretation of the Provisions of The Assessment Act, particularly Sections 4, 8 and 9.

(3) That the decision of the County Court Judge is contrary to the evidence submitted to him.

(4) In the alternative, the Appellant claims that the Respondent should be assessed for the whole of its income not derived from the business carried on at premises in the Province of Ontario. Less than five per cent. of its annual profit is derived from this source. As its total net profit was $17,791,241.99, its assessable income should be increased by adding $16,901,679.00.

(5) Upon such other grounds as to Counsel may be deemed advisable.

No. 4 of the Notice of Appeal is based on the Financial Statement of the Respondent, annexed to and forming part of the Income Return, Ex. 9, and showing a net profit of $17,791,241.99 for the year 1939, and the evidence of Roy E. Powell, the President of the Respondent Company who on Page 39 of the evidence L. 21, said:

> Q. Have you any idea what percentage of your business that would amount to compared with the part of your business that comes through Ontario plant?
>
> A. I made a calculation only the other day, rough; I estimated that more than 95% of our business is export business and practically all I would say—you may say all of it—is in the form of crude metal, ingot pig metal. I would say, therefore, that something less than 5% of our total business is in the form of crude metal, ingot pig metal. I would say, therefore, that something less than 5% of our total business is in the form of sheets and castings.
>
> Q. That go through the Ontario plants?
>
> A. That is right.
>
> Q. That is, the total business that would go through the Ontario plants would be about 5% of your total business?
>
> A. That is the two Ontario plants?
>
> Q. Kingston and Sterling Road?
>
> A. Yes. This may help you—I happen to remember the figures—in the month of September we shipped between 18,000 and 19,000 tons in crude metal and probably 800 tons in the form of sheets, etc. You understand, I have no figures before me, I speak from memory, that is 800 to 18,000.

In the opinion of this Board the evidence is not sufficient to warrant the Board in finding that the Appellant should be assessed on the basis suggested in Reasons of Appeal No. 4.

Senator Hayden's very able argument was based on the fact that the Respondent had been incorporated with very wide powers and he contended that the business of the Respondent was the production of Aluminum Goods from the mining of bauxite to the manufacture of aluminum products, including all the intermediary steps, and that being its business all income derived from that business is exempt under Section 9B of The Assessment Act.

Mr. Kent contended that the Respondent was not carrying on the business of the five Companies named in Exhibit 2, that the income received by the Respondent from those Companies was "income not derived from the business in respect of which it is assessable under Section 8".

The Demerara Bauxite Company was incorporated under the laws of British Guiana for the mining of bauxite (the raw material from which Aluminum is obtained); the shares are wholly owned by the Respondent and the Officers and Directors are as follows:

**Officers:**—F. B. Henderson, Chairman and Managing Director.
A. G. King, Secretary.
H. R. Wake, Assistant Secretary.

**Directors:**—F. B. Henderson
L. C. McCarthy
E. C. Harder
W. H. Clifford
J. A. King
A. G. King
W. A. Walker
M. B. G. Austin
F. J. Seaford
A. C. O'Dowd
R. E. Powell
H. R. Wake
F. E. L. Parsons
P. W. Rolleston.

Four of the Directors are Officers or Directors of the Respondent. The Company pit mines the bauxite.

The Bauxite is loaded on boats of Sprostons Limited, another Company incorporated under the laws of British Guiana (the shares of which are wholly owned by the Respondent), which Company carried the product down the River some seventy-five miles to Georgetown at the mouth of the River where it is loaded into larger boats for transportation to Quebec Sprostons Limited also owned some land which the Respondent felt might produce bauxite, and owns and under its franchise operates a short railway and a dock terminal near the centre of bauxite producing lands in British Guiana. The Respondent purchased and owns all the shares of the Company, but it should be noted here that although by its Charter the Respondent may operate throughout Canada and in all parts of the world it is specifically enjoined therein from operating railways. This Company also acts as agent for the Respondent in the purchase of mines or mining lands. The Company must carry passengers and any goods offered by others. The Officers and Directors of the Company are:

**Sprostons, Limited:**
**Officers**—Frank Bayliffe Henderson, Chairman.
William Alexander Walker, Managing Director
Edward Dunstan Chatterton, Secretary.

**Directors:**—Malcolm Burnett Gardiner Austin
William Alexander Walker
Frank Bayliffe Henderson
John Alston Watson
Arthur George King
Ray Edwin Powell.

The Respondent has only one representative on this Board of Directors, namely R. E. Powell.

Saguenay Terminals Limited, before the purchase of its shares by the Respondent, owned certain waterlots and a wharf in Quebec. Since the purchase of the shares the wharf has been rebuilt and extended. It also owns and operates ocean-going ships, which in addition to transporting bauxite for the Respondent carries other freight when such freight is offered. It also acts as agent for the Respondent in chartering other ships or arranging for the transportation of bauxite for the Respondent. The Officers and Directors of this Company are:

**Officers:** R. E. Powell, President.
W. C. Duncan, 1st Vice-President.
O. M. Montgomery, 2nd Vice-President.
H. R. Wake, Secretary.
H. S. Hutchin, Assistant Secretary.
A. I. Cunningham, Treasurer.
H. R. Wake, Assistant Treasurer.
L. P. Thomason, Assistant Treasurer.
A. I. Cunningham, General Manager.
W. C. Duncan, Managing Director.
L. P. Leduc, Auditor.

**Directors:** R. E. Powell
W. C. Duncan
O. M. Montgomery
A. W. Whitaker, Jr.
H. R. Wake.

Three of these Directors are Officers or Directors of the Respondent.

The Roberval and Saguenay Railway Company, Limited was incorporated by Special Statute of the Province of Quebec and holds franchise and operates a Railway from the docks of the Saguenay Power Company. Limited. The Respondent bought all the shares of this Company. It transports, not only the goods used in the Respondent's business, but must also carry other freight when offered. It might again be pointed out that the Respondent has no authority to operate this or any other Railway. The Officers and Directors of this Company are:

**Officers:** R. E. Powell, President.
W. C. Duncan, 1st Vice-President.
H. R. Wake, 2nd Vice-President.
H. R. Wake, Secretary.
H. S. Hutchin, Assistant Secretary.
A. I. Cunningham, Treasurer.
H. R. Wake, Assistant Treasurer.
L. P. Thomason, Assistant Treasurer.
A. I. Cunningham, General Manager.
W. C. Duncan, Managing Director.
L. P. Leduc, Auditor.

**Directors:** R. E. Powell
A. I. Cunningham
H. S. Hutchin
W. C. Duncan
H. R. Wake.

Two of the Officers and Directors of this Company are Officers or Directors of the Respondent. The Respondent is the owner of all of the shares of this company.

Saguenay Power Company, Limited, produces and sells Power to the Respondent as well as to others. The Respondent is the owner of 112,030 of the 210,000 shares issued. The Officers and Directors of this Company are:

**Officers:** Edward K. Davis, President.
Leighton McCarthy, K.C., Vice-President.
R. E. Powell, Vice-President.
H. R. Wake, Secretary.
Paul Clark, Treasurer.
Paul Clark, Assistant Secretary.
McNeely DuBose, General Manager.
P. S. Ross & Sons, Auditors.

**Directors:** Edward K. Davis
Aime Geoffrion, K.C.
Leighton McCarthy, K.C.
George O. Morgan.
Howard Murray
R. E. Powell
John H. Price
J. F. Van-Lane
James Wilson.

Two of the Directors of this Company are Officers or Directors of the Respondent.

All of these so-called subsidiaries do business with the Respondent either directly or indirectly, but not all of the business done by them is with the Respondent Company.

Section 84 of the Dominion Companies Act (24-25 George V Chapter 33) provides that "The affairs of the Company shall be managed by a Board of not less than three Directors."

At page 9 of his reasons for Judgment His Honour Judge Parker says "The Company (The Aluminum Company of Canada) has not more than one business. It is a manufacturer in the sense that it mines the bauxite, refines it and ships the refined product to the market."

At page 10 he finds that "The plant at Toronto receives from the Arvida plant aluminum in the form of ingots and out of these rolls aluminum sheets and aluminum pipe in form suitable as raw material for manufacturers of aluminum products." The evidence also shows that this plant also moulded roters for Electric Washing Machines, made aluminum foil and bottle tops.

At the same page he finds "The operations carried on in Toronto, for which the plant on Sterling Road is assessable for business tax, is part of the business of "The Company."

He says "It has been held in APTHORPE vs. PETER SHOENHOPER BREWERY (1899) 15 T. L. R. 245, that profits from wholly owned subsidiaries would be income from the business of the Company." In that case an English Company, most of the shareholders in which were resident in the United States, owned all the shares in an American Company which operated a brewery in Chicago. The profits from the operation of the brewery were distributed amongst the shareholders by the English Company. The question to be decided was whether those profits were taxable as income in England. It was held that those profits belonged to the English Company and were subject to taxation as income in England. The profits were held to be profits of the English Company, not profits of the shareholders of the English Company. In the opinion of this Board this case upholds the contention of the Appellant rather than that of the Respondent.

With all due respect the Board cannot agree with the learned Judge's statement that the Respondent is "a manufacturer in the sense that it mines the bauxite, refines it, and ships the refined product to the market." Bauxite is mined by the Demerara Bauxite Company. The Directors, not the shareholders, manage that Company, and carry on its business. The shareholders are not liable for the debts of the Company and, if the Demerara Company entered into an agreement to sell its product to a person or Company, without the approval of the Respondent, that agreement would be binding on the Company.

Gramophone and Typewriter, Limited, vs Stanley, 1906, 2 K.B. 856; 1908, 2 K.B. 89.

The Master of the Rolls Cozens-Hardy: The fact that an individual by himself or his nominee holds practically all the shares in a Company may give him the control of the Company in the sense that it may enable him by exercising his voting powers, to turn out the Directors and to enforce his own views as to policy, but it does not in any way diminish the rights or powers of the Directors or make the property or assets of the Directors or make the property or assets of the Company his, as distinct from the Corporations.

Bartholomay Brewing Co. (of Rochester), Limited, vs. Wyatt, 1893, 2 Q.B. 499.

Wright J. (at p. 516): I think that in point of law whatever control is exercised by the English Company is exercised by it as the holder of practically all the shares in the American Company; and, if that is so, the English Company cannot be properly said to carry on the business of the American Company at all. The business of a Company is not carried on by its shareholders but by the Company through its Directors although the shareholders in general meeting may have the power of general control.

Kodak Limited, vs. Clark, 1902, 2 K.B. 450, 1903, 1 K.B. 505.

Phillemore, J. (P. 464): Therefore I think that though the English Company controls the American Company, the business which the American Company carries on is not the business of the English Company. I am bound to hold that there was no evidence on which the Commissioners could lawfully hold that the American Company is carried on by and is the business of the English Company.

Vaughan Williams, L. J., (at P. 513): Their right is said to be a right only tc receive dividends and whatever amount of control they may exercise it is the control of shareholders and of shareholders only, and they have no control either as masters or as principals.

Hydro Electric Power Commission of Ontario and Township of Thorold and Pelham, 55 O.L.R. 431—Appeal by Townships.

Mulock, C. J.: The only relation between the Commission and the Niagara Company is that the Commission controls the shares in that Company and for the purposes of this Appeal the Commission may be regarded as owning all the shares and therefore as sole shareholder. The powers of shareholders in a Company and of the Board of Directors are distinct. The shareholders elect the Board but the Board alone has executive authority over the management of the Company's affairs. It is accountable to the shareholders but it is not subject to their orders. They have no power to engage or dismiss employees or to direct them in the performance of their duties or to create any contract binding upon the Company. The Commission as holder of all the shares may own the Company—but the ownership and control are substantially different. The Board of Directors stands between the ownership and control of the Company. For these reasons I am of opinion that even if the agreement has been completed the buildings of the Niagara Company are not, within the meaning of the Statute, controlled by the Commission and are therefore not exempt from assessment or taxation. Magee, Middleton and Smith, J. J. A., agree with the Chief Justice.

Ferguson, J. A.: That a Corporation is a different person or entity from its shareholders and that the shareholders of a Corporation do not own or control the property of the Corporation is, I think, well established and he refers to Solomon vs. Solomon & Company. 1897. A.C. 22.

The Board finds that neither the facts nor the authorities cited support the very interesting and ingenious arguments of Senator Hayden and Mr. Fowler, that the Aluminum Company of Canada, Limited, is carrying on a business embracing a chain of development of aluminum from the mine to the consumer. The Company is the owner of all the shares in each link (or Company) except one, but the shareholders do not carry on the business. Each link (or Company) carries on the business.

The Respondent states that the dividends received from Demerara Bauxite are gross and that there is a with-holding tax of $168,913.63, which should be deducted, and that a with-holding tax of $13,988.44 with respect to Sprostons, Limited should also be deducted. this statement is accepted by the Appellant.

The Board finds that the income received from the hereinafter named Subsidiary Companies by the Respondent is as follows:
Demerara Bauxite Co., Limited:

| | | |
|---|---|---|
| Dividends | $1,127,083.33 | |
| Interest on advances by Aluminum Co. of Canada, Ltd., necessary for the business of its subsidiary | 32,576.02 | |
| | $1,159,659.35 | |
| Less with-holding tax | $ 168,913.63 | $ 990,745.72 |
| Saguenay Power Company, Ltd.: | | |
| Dividend on common shares | $ 506,430.00 | 506,430.00 |
| Saguenay Terminals, Limited: | | |
| Dividend on common shares | $ 112,500.00 | |
| Interest on money advanced by Aluminum Co. of Canada, Ltd., which loans were essential for the successful carrying on of the business of the subsidiary | 16,335.28 | 128,835.28 |
| Sprostons, Limited: | | |
| Dividend on preferred stock for the years 1921, 1922, 1923, 1924, 1925, 1926, 1927, and 1928 | $ 97,556.26 | |
| Less with-holding tax | 13,988.44 | 83,567.82 |
| The Roberval & Saguenay Railway Company: | | |
| Interest on money advanced by Aluminum Co. of Canada, Ltd., for the necessary operation of this subsidiary to cover the amount of which ($1,330,000.00) bonds were issued by the subsidiary to Aluminum Co. of Canada, Ltd | $ 93,100.00 | 93,100.00 |
| | | $1,802,678.82 |

and that this sum was profits of the said Companies, earned from the individual businesses carried on by the said Companies and not by the Respondent, and that said profits when paid over to the Respondent was not income derived from the business in respect of which the Respondent is assessable in the City of Toronto under Section 8 of the Assessment Act.

The Appellant's Appeal No. 4 having been dismissed, the only other question before this Board was with reference to this Income. There is no dispute between the parties as to any other assessment. The Statutory exemption of $1,500.00 has been deducted from the $10,627.18 admitted by the Respondent to be taxable.

The Board orders that, in addition to the assessments admitted, the Respondent shall be assessed for the sum of $1,802,678.82 and that the Assessment Roll of the City of Toronto be amended accordingly.

The Appellent having paid the Board's fee fixed at $25.00, there will be no further order as to costs.

DATED at Toronto, the ninth day of December, A.D., 1942.

R. S. COLTER,
Chairman.

W. P. NEAR,
Vice-Chairman.

A. J. B. GRAY,
Member.

P.F. B-747

IN THE MATTER of Section 84 of "The Assessment Act" (R.S.O. 1937, Chapter 272)

BETWEEN:

THE CORPORATION OF THE CITY OF TORONTO,
Appellant

— and —

THE SALADA TEA COMPANY OF CANADA, LTD.,
Respondent

COUNSEL:

J. P. Kent, Esq., K.C........................................................for the City of Toronto

H. C. F. Mockridge, Esq ...................for the Salada Tea Company of Canada, Ltd.

## DECISION OF THE BOARD

THIS IS AN APPEAL by the Corporation of the City of Toronto from the Judgment of His Honour Judge Macdonnell, dated the 5th day of November, A.D., 1941, whereby he allowed the appeal of the Salada Tea Company of Canada, Limited, against its assessment for $700,000 dividends received from the Salada Tea Company, a United States Corporation.

The Respondent carries on the business of Importers and Wholesalers of Tea at 461 King Street W., Toronto. It owns all the shares, except five qualifying shares of Salada Tea Company, which carried on a similar business in the United States.

No evidence was given on the appeal before Judge Macdonnell. A copy of the proceedings before him, Exhibit 3, shows:

> "THE COURT: I have given judgments in other cases in which I have laid down that the Judges of this County should follow each other's decisions in matters of this kind. There would be absolutely chaos if they didn't. Quite frankly, I have had judgments in other cases in which I didn't agree with the judgment of another judge in the County, but I have followed him nevertheless because I think if we were all just picking a judge every year for whatever case you were in it would be absolutely chaos. Therefore I think for reasons of uniform practice in these matters it is essential we should follow each other's judgments from year to year where the facts are the same. That being the case, I am not going to overule—is it Judge Barton?
>
> MR. MOCKRIDGE: Yes, your Honour. Has your Honour seen Judge Barton's decision?
>
> THE COURT: I have, but I haven't seen it lately. I don't know that it is contrary to any judgment that I have written, is it?
>
> MR. MOCKRIDGE: I don't think so, your Honour, having regard to one fact that seems to be reasonably well establsished in these matters, and that is, each case stands on its own facts.
>
> THE COURT: There is enough involved here that there is an appeal to the Municipal Board?
>
> MR. MOCKRIDGE: Yes, there is $705,000.
>
> THE COURT: You didn't go to the Municipal Board before?
>
> MR. MOCKRIDGE: No, at that time the County Judge was the last resort.
>
> THE COURT: Yes, for a time.
>
> MR. MOCKRIDGE: For a few years there was no appeal beyond the County Judge.
>
> THE COURT: This is a subsidiary company in Boston, a wholly-owned subsidiary?
>
> MR. MOCKRIDGE: Wholly-owned subsidiary.

> THE COURT: As I remember Judge Barton didn't give very many reasons in this case.
>
> MR. MOCKRIDGE: I think he reviews the situation enough to indicate—
>
> THE COURT: He gives the facts, yes. Well, this case is very much in line with two cases I had this morning. As far as I am concerned I would be prepared to allow this appeal for the same reasons as stated by Judge Barton there."

The appeal was dismissed.

Referring to the Judgment of His Honour Judge Barton at page 2, he says:

> "The Appellant was incorporated as a private company, under the Dominion Companies Act. The principal object is to carry on a tea business in all its branches, with the following among other powers, viz:
>
> > "To procure the Company to be registered and recognized in any and every foreign country or State, and to appoint any person or persons, according to the law of such foreign country or State, to represent the Company, and to accept service for or on behalf of the Company."
>
> "In the exercise of this power the Appellant instead of appointing an individual to represent it in the United States, organized a Company under the laws of the State of Maine, under the name of Salada Tea Company, and the Appellant's business is now being carried on under that name in the City of Boston. It is the profits derived from this business which the Respondent seeks to tax, as and when they are received by the Appellant.
>
> "According to the evidence, the entire capital stock of the subsidiary company is owned or controlled by the Appellant. The policy of the business, together with the actual management, is directed by the Appellant from its Toronto office. Any losses are borne by the Appellant, and it is entitled to all profits. The business is in reality a branch of the Appellant's main business, and its officers have always considered it as such. The incorporation was only incidental, and was for the purpose of convenience only."

The Respondent Company was incorporated by Letters Patent dated the 17th of December, 1930. The United States Company, Salada Tea Company, was incorporated in the State of Maine by Certificate of Organization dated the 26th of February, 1916 (Ex. 6). Therefore His Honour Judge Barton was not correct in his finding that:

> "In the exercise of this power the Appellant instead of appointing an individual to represent it in the United States, organized a Company under the laws of the State of Maine, under the name of Salada Tea Company, the Appellant's business is now being carried on under that name in the City of Boston."

He further finds that in the exercise of this power, i.e.:

> "To procure the Company to be registered and recognized in any and every foreign country or State, and to appoint any person or persons, according to the law of such foreign country or State, to represent the Company, and to accept service for or on behalf of the Company."

the business is now being carried on under that name, i.e., Salada Tea Company, Inc., in the City of Boston. His Honour gave those words a more liberal construction than in the opinion of this Board they should have had.

The evidence before the Board does not warrant a finding that "the policy of the business together with the actual management, is directed by the Appellant from its Toronto office" or that "any losses are borne by the Appellant."

In pursuance of an agreement at the hearing before Judge Macdonnell, Arthur W. Wilson, Vice-President of Salada Tea Company of Canada, Ltd., and a Director of Salada Tea Company (U.S.) was called. He said that the Canadian Company purchased tea in India and Ceylon, pack it, blend it, and sell it all over Canada; that the American Company was incorporated in the United States to carry on the same business; the Canadian Company buys for the American Company and have its orders shipped direct; and American Company also makes spot purchases, that is tea is not purchased through the Canadian Company; the American Company blends its tea, but from time to time sends samples to the Canadian Company's plant to see that the blends are correct; the Canadian Company does not interfere with their buying; the American Company elects its own officers and directors; its directors meet from 7 to 12 times a year, does its own banking transactions, appoints its signing officers, borrows money and gives notes, determines staff bonuses, declares dividends and fixes and pays salaries; it has about 350 employees and a General Manager; the policy is directed by Mr. Wilson and in his absence by Mr. Larkin, who are both directors of each company, and in the absence of both a matter may be referred to Mr. Wilson's secretary. The American Company pays the Canadian Company a Commission on tea purchased and for any other work, such as testing blends, done by the Canadian Company for the American Company.

There is no evidence before the Board of any management or control of the American Company by the Respondent. The minutes of the Respondent Company have been carefully examined by the Board and there is nothing in them to show the exercise of any control over the American Company. There is nothing in those minutes to show that Mr. Larkin or Mr. Wilson, as directors of the Canadian Company, have been appointed to manage or control the American Company. Should it be held by the Board that because Larkin and Wilson are Directors or officers of the Respondent Company, as well as of the American Company, their decisions are decisions of the Respondent? There is no evidence before the Board to show that when Larkin and Wilson made decisions for the American Company, they were acting otherwise than as officers of the American Company. Because it holds the majority of shares in the American Company, the Canadian Company can control the election of officers and directors, but when those officers and directors are appointed, they as officers and directors of the American Company, control and manage the Company.

The Board have examined the minutes of the Respondent Company. There is a reference to the purchase by the Company of the assets, property and undertaking of Salada Sales Company, Limited, and of the purchase of Botoma Company and other securities, but no mention of the purchases of shares of the Salada Tea Company, Inc. There are also resolutions appointing certain individuals in parts of Canada as recognized agents of the Respondents, but no mention of the appointment of Salada Tea Company Inc., as Agent.

The Board can see nothing either in the evidence or in the minutes of either Company on which it can base a finding that the dividends received by the Canadian Company were profits of the Canadian Company earned by the Canadian Company, or that such dividends were anything but dividends received by the Canadian Company from an investment.

The Board finds that the dividends received by the Respondent from the Salada Tea Company Inc., is income not derived from the business in respect of which the Respondent is assessable under Section 8 of "The Assessment Act" (R.S.O. 1937, Cap. 272).

No evidence was offered with respect to the Assessment for Income of Salada Sales Company, Ltd., $5,000.00 except the statement that this company had been taken over by Salada Tea Company, Limited. This income is not assessable as Salada Tea Company, Ltd., have been assessed for business.

The appeal with respect to the dividends received from Salada Tea Company Incorporated $700,000.00, is allowed, and the company shall be assessed therefor. The Respondent admits that it should be assessed $29,742.05 for Income.

The Respondent shall be assessed for income as follows:

| | |
|---|---|
| Dividends received from Salada Tea Co., Inc. | $700,000.00 |
| Income shown by Income Tax Return | 29,742.05 |
| | $729,742.05 |

The Respondent shall repay the Appellants the sum of $25.00, the Board's fees paid upon the launching of the appeal.

DATED at Toronto, this 10th day of April, 1942.

R. S. COLTER,
Chairman.

W. P. NEAR,
Vice-Chairman.

P.F. B-800

IN THE MATTER of Section 84 of "The Assessment Act" (R.S.O. 1937, C. 272).

BETWEEN:

RUBY AXLER and SYLVIA SIMON

Appellants

— and —

THE CORPORATION OF THE CITY OF TORONTO

Respondent

COUNSEL:

E. W. Cross, Esq., K.C.................for Ruby Axler and Sylvia Simon, Appellants

F. A. A. Campbell, Esq., K.C.....................for the City of Toronto, Respondent

## DECISION OF THE BOARD

THIS IS AN APPEAL by Ruby Axler and Sylvia Simon, owners of three double duplex dwellings at 1390-92 Avenue Road, 1-3 Otter Crescent and 5-7 Otter Crescent.

This appeal had been dismissed by the Court of Revision and the Appellants appealed to His Honour Judge Barton of the County Court of the County of York who also dismissed the appeal. The appeal is in respect of the assessment of lands and buildings at above named addresses on the ground that the same are over-assessed.

The lands in question are located on the west side of Avenue Road and southerly side of Otter Crescent and Kimbark Boulevard, near the north City limits. They were sold to the present owner through Mr. Yolles as three forty-foot lots facing on a curved frontage on Otter Crescent and a 66-foot lot facing Avenue Road. The City has assessed the lands as per the descriptions in the mortgages.

Mr. Sanagan called by Mr. Cross, stated that he sold these lands to Mr. Yolles for $3,150.00 for 3 forty-foot lots, and $1,500 for the sixty-six-foot lot. Mr. Cross called Mr. Forsey Page, architect, who made comparisons of assessments per square foot of floor area of the three buildings in question with other Double Duplex dwellings immediately to the south of these properties and on the west side of Avenue Road.

The buildings were lettered A, B and C on Exhibit 2.

A—2 floors; 4,961 square feet; assessed $3.02 per sq. ft.

B—2 floors, plus ½ 6,203 square feet; assessed $2.66 per sq. ft. Finished 3rd floor.

C—2 floors; 5,339 square feet; assessed $2.96 per sq. ft.

These he compared to Dorin Court to the south, consisting of 3 floors, each building having 6 baths, each suite having access to maid's quarters on the third floor. They had an area of 5,671 square feet assessed at $2,38 per square foot and built about 1936.

Mr. Cross called Mr. Yolles who stated the buildings in Dorin Court are assessed at $13,800 and contain 6 baths, maid's quarters, and yield $300 per month rental, while Building B (with ½ third floor) yields $310.00 per month and is assessed for $16,500. Building C has one apartment rent free, the tenant to manage the other properties. Witness says taxes on the three properties are $2,100.00; he says Building A cost $14,500.00 and would sell for $13,800.00 plus land assessment.

Cross-examined, Mr. Yolles stated he secured mortgage loans of $16,000.00 on each building at 5%, and $100.00 a quarter repayable on principal; also that Insurance on B and C is $16,000.00 each.

Mr. Campbell called Mr. Wickett, a builder and contractor, who states that buildings complete with refrigerating, etc., couldn't be built for less than $18,500.00. He says the equipment would be approximately $275.00.

Mr. Campbell called Mr. Edwards, a realtor, who valued:

| | |
|---|---|
| A at $20,529.80 | ($ 2,990.00—Land<br>( 17,539.80—Building |
| B at $21,214.00 | ($ 2,860.00—Land<br>( 18,354.00—Building. |
| C at $20,214.00 | ($ 2,860.00—Land<br>( 17,354.00—Building. |

He states that gross earnings of $11,000.00 out of the three properties is fair and that seven times gross revenue is a fair value and six times is a real value.

The Board after considering the evidence and the assessment of similar buildings immediately to the south, fixes the assessments as follows:

| | |
|---|---|
| A, 1390-2 Avenue Road—Land | $ 2,613.00 |
| Buildings | 14,000.00 |
| B, 1-3 Otter Crescent—Land | 2,869.00 |
| Buildings | 15,500.00 |
| C, 5-7 Otter Crescent—Land | 2,900.00 |
| Buildings | 15,000.00 |

The Board's tariff fee of Twenty-five Dollars ($25.00) paid by the Appellants on the launching of the appeal shall be remitted by the Respondents.

DATED at Toronto, this 10th day of April, A.D., 1942.

R. S. COLTER,
Chairman.

W. P. NEAR,
Vice-Chairman.

P.F. B-798

IN THE MATTER of Section 54 of "The Assessment Act" (R.S.O. 1937, C. 272).

BETWEEN:

THE ALBERT BAY COMPANY, LIMITED,
Appellant

— and —

THE CORPORATION OF THE CITY OF TORONTO
Respondent

COUNSEL:

E. W. Cross, Esq., K.C. .......... for the Albert Bay Company, Limited

F. A. A. Campbell, Esq., K.C. .......... for the Corporation of the City of Toronto

## DECISION OF THE BOARD

THIS IS AN APPEAL by the Albert Bay Company, Limited, from the Judgment of His Honour Judge Barton, of the County Court of the County of York, dated the 8th day of December, 1941, in respect of the assessment of the lands and buildings of the Appellant at 465 Bay St., in the City of Toronto, on the ground that the same are over assessed.

The lands in question occupy 85 feet frontage on Bay Street and 70 feet on Albert Street, and on this site is erected a 12-storey office building known as the Dominion Building.

| | |
|---|---|
| The land is assessed at (being 25x70 at $1,100, and 60x70 at $750.) | $ 72,500.00 |
| The Building is assessed at | 230,000.00 |
| Total | $302,500.00 |

The Appellant produced evidence to the effect that the Bonded Indebtedness on the property stands at about $300,000.00 and matures in July 31st, 1942; that statement of Revenues and Expenditures for 1941 showed a net loss for the year before providing for depreciation of $4,685.74. The larger items of Expenditure are:

| | |
|---|---|
| Wages | $ 12,576.56 |
| Ground rent | 5,000.12 |
| Taxes and Water Rates | 10,782.86 |
| Bond Interest | 21,388.86 |
| Management Fee | 2,000.00 |

The lands were leased by the Appellant in 1926 for a term of 30 years and buildings was erected in 1927. Under lease the Appellant pays $5,000.00 per year and taxes for the lands with option to purchase at $100,000.00.

Reference is made to a sale of property on the north-west corner of Bay and Albert Streets on October 30th, 1941, for $24,000.00 of land comprising 61 feet frontage on Bay Street and 62½ feet depth on Albert Street, or approximately $400.00 per foot. The Appellant values the land at $450.00 per foot or $38,250.00.

Mr. Campbell produced evidence to value the land at $875.00 per foot or a total of $74,375.00 and value of building, $292,579.55.

National Cash Register had been a tenant until recently and paid $480.00 per month. The witness for the Respondent agreed that this tenant would be difficult to replace and that the building was not located in a high-priced office district. The comparative statement of revenue and expenditure in the period 1937 to 1941 inclusive indicates that 1941 suffered the extent of loss of National Cash Register rentals of $5,760.00.

The Board after considering the evidence as outlined above and the assessment of surrounding properties as evidenced by Exhibit 3, fixes the land assessment:

| | |
|---|---|
| 25 feet at $900.00 | $ 22,500.00 |
| 60 feet at $650.00 | 39,000.00 |
| Total | $ 61,500.00 |

The Assessment on the buildings was not appealed and hence is confirmed.

The Board's tariff fee of Twenty-five Dollars ($25.00) paid by the Appellant on the launching of the appeal, shall be remitted by the Respondent.

DATED at Toronto, the 10th day of April, 1942.

R. S. COLTER,
Chairman.

W. P. NEAR,
Vice-Chairman.

P.F. B-797

IN THE MATTER of Section 84 of "The Assessment Act" (R.S.O. 1937, C. 272).

BETWEEN:

THE RICHMOND BAY COMPANY, LIMITED,

Appellant

— and —

THE CITY OF TORONTO

Respondent

COUNSEL:

E. W. Cross, Esq., K.C.......................for the Richmond Bay Company, Limited

F. A. A. Campbell, Esq., K.C.................for the Corporation of the City of Toronto

## DECISION OF THE BOARD

THIS IS AN APPEAL by the Richmond Bay Company, Limited from the Judgment of His Honour, Judge Barton, of the County Court of the County of York, dated December 8th, 1941, in respect to the assessment of the lands and buildings of the Appellants at 372 Bay Street in the City of Toronto, on the ground that same are over assessed.

The lands in question occupy 64 feet frontage on the west side of Bay Street south from Richmond Street by a depth of 90 feet on Richmond Street to a lane in the rear of building on west side of same. On this site is erected an office building known as the Sterling Tower upwards of 20 storeys in height.

The building is assessed at $530,000.00. The assessment on the land is not appealed.

Mr. Cross calls L. S. Yolles, who states that the same assessment has stood on the building for the past 15 years, although on the books of the Company the building is now carried at less than $400,000.00. A Profit and Loss Account for 1941 is filed as Exhibit 1 and shows a net loss on the year's operations of $5,653.12. This statement of expenditures includes:

| | |
|---|---|
| Taxes and Water Rates | $ 26,010.09 |
| General and Office Expenses, Telephone Superintendent and Office salaries | 4,717.51 |
| Management Salaries | 10,400.00 |
| Interest and Exchange | 1,080.25 |
| Interest on Bonds | 46,130.34 |
| Reserve for Depreciation | 21,212.71 |
| Total Income for year is | 156,487.34 |

Mr. Yolles stated that the Sterling Tower could not compete with the Victory Building completed in 1937—a more modern building with air-conditioning and assessed at $500,000.00 Reference is also made by way of comparison with the Northern Ontario Building—a 16-storey office building assessed at $415,000.00. Mr. Yolles submits that $400,000.00 would be a full assessment on the Sterling Tower Building.

Cross-examined by Mr. Campbell Mr. Yolles stated that the Bond Mortgage was originally $850,000.00 and now stood a little over $700,000.00; also stated original cost of building $743,000.00; that insurance stands at over $700,000.00 but covers about $150,000.00 of interior fixtures and movable partitions; he stated that Yolles and Rotenberg manage the property and have offices in the building occupying about half of one floor; that the sum of $10,400.00 was the amount agreed upon in the beginning for management salaries and this amount has been varied since.

Mr. Yolles states there is as a rule about a $300.00 per month vacancy and that last April they lost as tenant Canadian Industries who originally paid $18,000.00 per year.

Mr. Cross calls Forsey Page, Architect, who makes comparisons between Sterling Tower and Victory Building. He states they are practically the same size and construction, but that the Victory Building possesses many modern features—air-conditioning, acoustic ceiling, more modern elevators, block oak floors and more modern lighting.

Mr. Campbell calls Wickett, Builder and Contractor, who places a replacement cost before the war less depreciation for 13 years as giving a value of building today of $541,440.00.

Mr. V. Edwards values the building as of today at $634,428.43 and makes comparison with Victory Building on a rentable area basis and states assessment in Sterling Tower is $6.28 per square foot and in Victory Building $6.24 per square foot. Mr. Edwards states interest on bonds $46,130.00 should be taken out of Profit and Loss Statement and this would result in $61,689.93 as profit before depreciation. He figures this to be about 9% return on the assessment or a 6½% return after allowing depreciation.

Mr. Campbell called Mr. Nixon to explain assessment of the Northern Ontario Building on the ground of 20% vacancies at the time of that assessment. The Dominion Government has recently leased about 3 floors.

The Board after considering the evidence submitted finds there is no reason to reduce the assessment and, therefore, dismisses the appeal and confirms the assessment on the building at $530,000.00. The assessment on the land was not appealed and is, therefore, confirmed at $162,075.00, making a total assessment of $692,075.00.

There will be no order as to costs.

DATED at Toronto, the 15th day of April, A.D., 1942.

R. S. COLTER,
Chairman.

W. P. NEAR,
Vice-Chairman.

P.F. B-799

IN THE MATTER of Section 84, subsection (1) of "The Assessment Act" (R.S.O. 1937, Chapter 272).

BETWEEN:

L. S. YOLLES,

Appellant

— and —

THE CORPORATION OF THE CITY OF TORONTO

Respondent

(Assessment Appeal)

COUNSEL:

E. W. Cross, Esq., K.C. ........................ for L. S. Yolles

F. A. A. Campbell, Esq., K.C. ............ for the Corporation of the City of Toronto

## DECISION OF THE BOARD

THIS IS AN APPEAL by L. S. Yolles from the decision of His Honour Judge Barton, of the County Court of the County of York, dated November 28th, 1941, in respect to the assessment of the lands and buildings of the Appellant at 312-320 Adelaide Street West, in the City of Toronto, on the grounds that the same are over assessed.

The lands in question are located at the North-East corner of Adelaide Street West and Widmer Street and occupy a frontage of 91 feet 3 inches on Adelaide Street West and a depth of 102 feet 6 inches on Widmer Street. On the site is erected an eight-storey brick building of mill construction type. The building abuts on a 12 foot lane on the northerly side and there is a 3 foot set back from the west property line to provide light and air.

The Assessment is:

| | |
|---|---|
| Land 25x102-6 at $235; 63.3 x 102, at $190 | $18,463.00 |
| Buildings | 90,000.00 |
| Total | $108,463.00 |

Mr. Yolles leased the property from the Dominion Life for about two years prior to August 31st, 1941, on a basis of 4% or $90,000.00; he paid $7,200.00 rent and taxes; the Dominion Life expended some $5,700.00 in repair, leaving them $1,500.00 net return.

Mr. Yolles then purchased the property at $90,000.00, the Dominion Life taking a mortgage for the full amount at 3% for a twenty-year term with the condition that if purchaser at any time desired to withdraw from the purchase he paid the sum of $2,000.00. The property was taken over in September of 1941 on this basis.

Statement of Profit and Loss Account for 1941 was filed as Exhibit 1 and showed a net loss for the year 1941 of $385.62 after paying rent and mortgage interest amounting to $3,300.00, Taxes and Water Rates $3,874.85, Repair $1,815.22, Legal and other fees $525.00 and Reserve for Depreciation $750.00. The operation for 1941 was under lease to September and under purchase for remainder of year. Mortgage interest equivalent to rent, under the purchase agreement is $2,700.00 per year.

Mr. Yolles gave the gross area on the eight floors as 74,128 sq. ft., all rented. The building was erected 14 or 15 years ago and Mr. Yolles claimed that the mill type construction had the affect of making insurance rates very high and this had a detrimental effect on the rents.

Mr. Yolles compared the Darling Building—a fireproof building with 97,776 sq. ft. area assessed at $85,000.00 or 85c per sq.ft. and claimed on same basis the assessment of building in question should be $67,000.00.

Cross-examined by Mr. Campbell, Mr. Yolles admitted that he bought the property after managing it for about two years. He stated that his tenants on account of class of building construction and the nature of their occupations had difficulty in securing insurance and that the rates were excessive. He admitted that the building was insured for $100,000.00 at the time of his purchase and that he had taken out an additional $15,000.00 policy to assist in getting some insurance for certain tenants. He admitted he had increased rents probably by $75.00 per month. Mr. Yolles also stated that Dominion Life had purchased the 19 foot frontage to the west of this property to protect the building for light and air in the future. Price paid for land and building was $3,200.00. Building assessed at $700.00 leaves land $2,500.00 or $130.00 per foot.

Mr. Campbell called Mr. Wickett, Builder and Contractor who placed a value on the building today of $111,545.00., also Mr. Edwards who valued the building today at $102,096.03 and valued the land at $250.00 per foot or an amount of $22,812.50. Mr. Edwards said the Darling Building sold a few years ago (March 13th, 1936), for $130,000.00 and is assessed:

| | |
|---|---|
| Land | $ 33,600.00 |
| Buildings | 85,000.00 |
| Total | $118,600.00 |

Mr. Campbell called Mr. H. Nixon, Deputy Assessment Commissioner, who gave evidence that:

> "Land in question was purchased November 29th, 1926, for $37,190.00 or $407.00, per foot. Land and building was sold on March 14th, 1928, to Manufacturers' Building Limited, for $1.00 and $91,015.00 and was then mortgaged for $165,000.00. The building permit was $142,000.00. The building was assessed in 1928 for $139,000.00 and reduced by a series of appeals to $90,000.00 in 1939. The land was assessed from 1928 to 1937, at $250.00 per foot and reduced in 1937 and 1938 to present assessment."

The Board has considered the evidence as outlined above and has given consideration also to the Darling Building and fixes the assessment of the property in question as follows:

| | |
|---|---|
| Land 25x102.6 at $225; 66.3x102 at $180 | $ 17,550.00 |
| Buildings | 85,000.00 |
| Total | $102,550.00 |

The Board's tariff fee of Twenty-five Dollars ($25.00) paid by the Appellant on the launching of the appeal shall be remitted by the Respondent.

DATED at Toronto this 10th day of April, A.D., 1942.

R. S. COLTER,
Chairman.

W. P. NEAR,
Vice-Chairman.

P.F. B-888

IN THE MATTER of Section 84 of "The Assessment Act" (R.S.O. 1937, Chapter 272),

BETWEEN:

THE CORPORATION OF THE CITY OF TORONTO,

Appellant

— and —

HAVERGAL COLLEGE

Respondent

COUNSEL:

F. A. A. Campbell, Esq., K.C ........ for the Appellant

A. D. McKenzie, Esq ........ for the Respondent

## DECISION OF THE BOARD

THIS IS AN APPEAL by the City of Toronto from the Judgment of His Honour Judge Macdonell, wherein he allowed the appeal of Havergal College from its assessment for Numbers 354 and 372 Jarvis Street and 7.7 acres on Lawrence Ave. West. The appeal came on for hearing before this Board on the 23rd day of March, 1942, when judgment was reserved.

With reference to Number 354 Jarvis Street, this is part of a building also numbered 350 Jarvis Street, and 350 Jarvis Street is admittedly used for educational purposes and as a home for students attending the college. A new college has been erected on Avenue Road and as a result the college is abandoning its property on Jarvis Street. Number 354 was at the time of assessment being used for the storage of furniture belonging to the college, and might at any time have been used for class room purposes, if necessary. The Board does not disagree with the opinion of the Judge that it was actually used and occupied by the seminary at the time of the assessment.

As to Number 372 Jarvis Street, the lower part of this building was not, at the time of assessment, being occupied for classes but the upper floor was set apart as an isolation hospital for occupation by any pupils who might need care in an isolation hospital. It was kept heated and ready for occupancy at any time. The Board agrees with the finding of the Judge in this case, that this property was at the time of the assessment being used and occupied by the College.

As to the assessment of the vacant land of 7.7 acres on Lawrence Avenue West attached to the grounds of the new building and to be used in the future as a playground or for the expansion of the College, the Board finds that this property is not now being used as lands of and attached to or otherwise bona fide used in connection with and for the purpose of the College, and therefore does not come within the exception. The lands are at the present time separated from the College grounds by a fence or hedge. There is no direct connection through this fence or hedge from the College grounds to the lands in question which have lately been purchased. This part of the appeal is therefore allowed.

The result of this appeal will be that the appeal with reference to 254 Jarvis Street and 372 Jarvis Street is dismissed and the appeal with reference to the vacant land, numbered on the roll as Number 319712 is allowed. There will be no costs except the Board's fees fixed at $25.00 which shall be paid by the Appellant.

DATED at Toronto this 1st day of May, A.D., 1942.

R. S. COLTER,
Chairman.

W. P. NEAR,
Vice-Chairman.

P.F. B-889

IN THIS MATTER of Section 84 of "The Assessment Act" (R.S.O. 1937, Chapter 272).

BETWEEN:

THE CORPORATION OF THE CITY OF TORONTO,
Appellant

— and —

THE BOARD OF GOVERNORS OF VICTORIA UNIVERSITY,
Respondent

COUNSEL:

J. Palmer Kent, Esq., K.C. ........................................................ for the City of Toronto

R. N. Starr, Esq. ............................ for the Board of Governors of Victoria University

## DECISION OF THE BOARD

THIS IS AN APPEAL by the City of Toronto from the Judgment of His Honour Judge Macdonell dated the 16th day of January, 1942, in which he held that the premises at 63 St. George St., Toronto, the residence of the Principal of Victoria University, and the part of the premises at 82 St. Mary's Street, occupied by the caretaker of the University and his family, were not liable to taxation. In his judgment the learned Judge also held that 110 Charles St. west, occupied by the head tutor and his family, was not in actual occupation by the University and was therefore liable to taxation.

The Assessment Act, Chapter 272, Section 4, provided:

> 4. All real property in Ontario and all income derived, whether within or out of Ontario, by any corporation, or received in Ontario on behalf of any corporation, shall be liable to taxation, subject to the following exemptions:
>
> > 2. Every place of worship and land used in connection therewith and every churchyard, cemetery or burying ground.
> >
> > 3. The buildings and grounds of and attached to or otherwise bona fide used in connection with and for the purposes of a university, high school, public or separate school whether vested in a trustee or otherwise, so long as such buildings and grounds are actually used and occupied by such institution, but not if otherwise occupied.

63 St. George Street is a very large building which was given to Victoria University in the division of assets after Church Union. It is situated some distance from Victoria University, a part is used by the Principal of Emmanual College as a residence for himself and his family, and part is used by students of Victoria University as a residence. The part used by the Principal was assessed for $12,198.00 and the part used by the students was exempt. The Respondent claims that the part used as the Principal's residence should also be exempt from taxation, it being claimed that the property is used in connection with and for the purposes of the University. The learned Judge held "that the principle of supplying heads of Education Institutions of various kinds with Principal's residences is a sound one and must be recognized," and further held, that "it was a proper occupation of land by the College."

82 St. Marys Street is owned by the University and adjoins Burwash Hall, the men's residence. It is used as a residence for the caretaker and some rooms are used by students. The City divided the assessment on this property, contending that the part used as the caretaker's residence should be assessed. The assessment on this property is $8,800.00, the part used by the caretaker being assessed at $5,900.00. The property is contiguous to the University grounds, and was purchased in order to provide a home for the caretaker and his family. The learned Judge held "There is no doubt the caretaker is a servant of the corporation and carried out some of his duties on the premises. There is no doubt in my mind that he has either to live in the residence or very close to it in order to carry on his duties." He further finds "The building is owned by the University, it is used in connection with it, occupied by its servant and I feel it should be exempt just as much as if there had been

erected a special cottage or building for the caretaker within the enclosure of the larger grounds themselves. Also I think that caution should be used in allowing taxation on a part of a building where there is no doubt the remainder is owned, occupied and used by the University."

The principle of supplying residences by Educational Institutions to Principals and even to Lecturers and others employed by the Institution may be a good one, but the question to be decided is whether these two properties are "buildings and grounds of and attached to or otherwise bona fide used in connection with and for the purposes of" Victoria University and whether "the buildings and grounds are actually used and occupied by" the University.

Part of 82 St. Marys Street is the home of the caretaker and his family. It was purchased by the University so that the caretaker would be available to carry on his duties at the University on short notice, but it is primarily his home. 63 St. George Street is primarily the home of the Principal and his family. He sometimes interviews students and members of the staff there. A certain sum is deducted from his salary to provide for caretaking, heat and light for the residence.

In St. Mary's Anglican Church et al vs. The Assessment Commissioner of the City of Windsor, 1942 O.W.N. 102, Mr. Justice Henderson in delivering the Judgment of the Court said: "Primarily a parsonage or minister's residence is a place of residence for the Minister, and if married, for his wife and children. The uses made of it as above referred to" (many of the functions incidental to the management and operation of churches as places of worship are carried on, such as holding trustee meetings, the giving of spiritual instruction, the solemnization of marriages, the keeping of civil and religious records, the distribution of aid to the needy and many other works of a religious and philanthropic nature) "are incidental only and in my view the words "every place of worship and land used in connection therewith" do not include parsonages or ministers' residences."

Subsection 3 or Section 4 should not in the opinion of this Board, be more liberally construed than has subsection 2 been construed by the Court of Appeal.

Both subsections are exemptions from the law which applies to property generally and must be strictly construed.

There is no dispute as to the amounts of the assessments.

The appeal of the University with reference to 110 Charles Street has been dismissed by the Judge and this Board concurs in his Judgment therein.

The appeal will therefore be allowed. There will be no costs, except that the Respondent shall pay to the Appellant the sum of $25.00, the Board's fees paid by the Appellant.

DATED at Toronto, this 30th day of April, A.D., 1942.

R. S. COLTER,
Chairman.

W. P. NEAR,
Vice-Chairman.

# ORDERS OF THE BOARD

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## ORDERS ISSUED BY THE BOARD UNDER SECTION 70 OF "THE ONTARIO MUNICIPAL BOARD ACT" (R.S.O. 1937, CHAPTER 60) APPROVING OF THE UNDERTAKING OF CAPITAL EXPENDITURES

NOTE: Where approval granted under additional legislation, applications marked as follows:

### "THE LOCAL IMPROVEMENT ACT"

| | |
|---|---|
| (a) Section 8 | Approval of undertaking of work |
| (b) Section 18 | Part only of Work |
| (c) Section 27 (3) | Apportionment of cost of work |
| (d) Section 29 (3) | Assessment for opening of Lane |

### "THE MUNICIPAL ACT"

| | |
|---|---|
| (e) Section 297 (5) | Approval of extension of time to pass debenture By-law |
| (f) Section 315 (2) | Approval of further debt and levies |
| (g) Section 407 (2) | Approval of By-law |

### "THE ONTARIO MUNICIPAL BOARD ACT"

| | |
|---|---|
| (h) Section 49 | Amendment of Board's Order |
| (i) Section 59 (d) | Approval of floating indebtedness |
| (j) Section 59 (dd) | Approval of retirement of unmatured debentures |
| (k) Section 64 (Part IV) | Validation of Debenture By-laws |
| (l) Section 69 | Authority to dispense with vote of electors |

### SPECIAL LEGISLATION

(m) Sections 1 and 2 of "The City of Stratford Act"
(n) Section 1 "The Village of Fenelon Falls Act, 1942"
(o) Section 8 of "The Town of Cobourg Act, 1932"
(p) Section 1 of "The Town of Kincardine Act, 1942"

| Additional Legislation | Municipality | Purpose | Amount | Procedure File |
|---|---|---|---|---|
| | Aldborough, Township of | Repair and improvement of Hill Drain | 2,240.00 | B- 942 |
| | Aldborough, Township of | Construction of Miller Drain | 816.00 | B-1398 |
| | Alliston, Town of | Construction of Bridge over Boyne River | 14,000.00 | B-1205 |
| | Almonte, Town of | Purchase of quantity of fuel for Municipal fuel yard | 2,000.00 | B-1499 |
| | Barrie, Town of | Construction of Sanitary Cewers on Donald, John, Clapperton and Charles Streets | 4,000.00 | B-1285 |
| | Barton, Township of | Construction of Cement Sidewalks on Cameron and Baron Avenue and Woodbridge Road | 5,725.50 | B-1235 |
| (k) | Barton, Township of | Erection of School House in S. S. No. 6 | 4,500.00 | B-1274 |
| | Barton, Township of | Construction of sidewalks on Cameron and Barons Avenues | 2,525.00 | B-1387-a-b |
| | Barton, Township of | Construction of cement sidewalk on Cameron Avenue | 381.00 | B-1567 |
| | Blenheim, Town of | Construction of McCoubrey Drain | 715.00 | B-1424 |
| | Bradford, Village of | Repair and improvement of Interior Canal of Bradford Drainage Scheme | 2,150.00 | B-1461-a |
| | Bradford, Village of | Construction of the Morris Drain | 965.00 | B-1461-b |
| | Brockville, Town of | Installation of Alarm System on magazine plant | 600.00 | B-1410 |
| | Brooke, Township of | Repair of the 14th Concession Drain | 1,510.00 | B- 830-a |
| | Brooke, Township of | Repair of the 12th Concession Outlet Drain | 455.00 | B- 830-b |
| | Bayham, Township of | Construction of Branches "A" and "B" of the Wallace Drain | 500.00 | B-1247 |
| | Bayham, Township of | Erection of new school building in S. S. No. 11 | 5,000.00 | B-1333 |
| | Bayham, Township of | Construction of Main Drain and Branches "A," "B," "C," and "D" | 1,040.00 | B-1546 |
| (a) | Belleville, City of | Construction of Sanitary Sewer on Dufferin Ave. | 5,898.85 | B- 442-a |
| (a) | Belleville, City of | Construction of Sanitary Sewer on Sinclair St. | 2,678.00 | B- 442-b |
| | Bosanquet, Township of | Construction of the Hilborn Extension Drain | 503.00 | B-1429 |
| | Burlington, Town of | Construction of Sanitary Sewers, Birch Ave., &c., and Concrete Sidewalks and Curbing, Birch Ave., &c. | 10,000.00 | B- 690-a-b |
| | Calvert, Township of | (1941 Amendment to Sec. 70) Additional Amount required to cover the cost of Immunization against Diphtheria and Smallpox | 860.00 | B-1514 |
| | Camden, Township of | Repair and Improvement of the Hazlett Drain in Tp. of Chatham | 223.00 | B- 869 |
| | Camden, Township of | Repair of the McBrien Drain | 383,40 | B-1472-a |
| | Camden, Township of | Repair of the Stephens-Henson Drain | 1,066.31 | B-1472-b |

| Additional Legislation | Municipality | Purpose | Amount | Procedure File |
|---|---|---|---|---|
| | Capreol, Town of | Repairs to Water Tank Base (1941 Amendment to Sec. 70) | 1,350.00 | B-1316 |
| | Capreol, Town of | (1941 Amendment to Sec. 70) Repair to Burned-out Motor for Operation of Waterworks Pumps | 230.00 | B-1563 |
| | Caradoc, Township of | Repair of the Cobban Drain | 675.00 | B- 858 |
| | Chatham, City of | Construction of Watermain and Sewer on Elizabeth Street Extension | 1,495.40 | B- 905-a-b |
| | Chatham, City of | Construction of Sidewalks on Llydican and Delaware Avenues | 884.00 | B-1068 |
| | Chatham, City of | Construction of Sidewalk on Elizabeth Street ($300.00) and Sewer on Church Street ($410.00) | 710.00 | B-1123-a-b |
| | Chatham, City of | Construction of Concrete Sidewalk on Buckingham Avenue | 160.00 | B-1184 |
| | Chatham, City of | Construction of Concrete Sidewalk on Prince Arthur Avenue | 95.00 | B-1245 |
| | Chatham, City of | Construction of Sidewalk on Llydican Avenue Extension | 230.00 | B-1391 |
| | Chatham, Township of | Repair and Improvement of the Hazlett Drain | 1,427.00 | B- 795-a |
| | Chatham, Township of | Improvement of the Forest Street Drain | 380.00 | B- 795-b |
| | Chatham, Township of | Repair or Improvement of the Seventeenth Concession Drain | 850.00 | B-1428-a |
| | Chatham, Township of | Repair or Improvement of the Boulton Drain | 1,130.00 | B-1428-b |
| | Chatham Township of | Repair or Improvement of the Meredith Drain | 1,849.77 | B-1548-a |
| | Chatham, Township of | Repair of the Headley and Branch Drain | 750.00 | B-1548-b |
| (o) | Cobourg, Town of | Park Fund Debentures | 4,000.00 | B-1147 |
| | Cochrane, Town of | Construction of a Sewage Disposal Plant | 4,500.00 | B-1092 |
| | Colchester North, Township of | Repair and Improvement of the 14th Concession West and Shuell Creek Drain | 4,169.20 | B-1047 |
| | Colchester North, Township of | Improvement of the Malden Road and Brush Sideroad Drain | 1,129.25 | B-1104 |
| | Colchester North, Township of | Improvement of the McKee Drain | 1,353.70 | B-1287-a |
| | Colchester North, Township of | Repairing and Improving the Adams-Sweet Drain | 1,677.00 | B-1287-b |
| | Colchester North, Township of | Improvement of the LePointe Drain | 1,098.35 | B-1426-a |
| | Colchester North, Township of | Improvement of the Caya Drain | 624.00 | B-1426-b |
| | Colchester North, Township of | Improvement of the Main Branch of the McKerzie Drain | 459.00 | B-1426-c |
| | Colchester South, Township of | Improving and Cleaning lower portion of the Dolson Creek Drain | 3,569.00 | B-1365 |
| | Collingwood, Town of | (1941 Amendment to Sec. 70) Purchase of Fire Truck with Pumper, Booster Hose, &c. | 5,000.00 | B-1363 |
| | Collingwood, Town of | Purchase of Fire Truck with Pumper, Booster Hose, &c. | 3,000.00 | B-1363 |
| | Cornwall, Town of | Purchase of Additional Land with House thereon for the purpose of improving the grounds of the Cornwall Collegiate Institute and giving it an outlet to Fourth Street | 3,500.00 | B-1542 |

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|---|---|---|---|---|
| | Cornwall, Town of | Construction of Sewer on McGregor Avenue | 680.00 | B-1543 |
| (k) | Cornwall, Township of | Construction of New School for P. S. S. No. 8 | 8,000.00 | B-1437 |
| | Crowland, Township of | Construction of Sewers under By-laws Nos. 498 (1941), 499 (1941) and 502 (1942) | 22,615.66 | B- 845 |
| (a) | Crowland, Township of | Construction of Sanitary Sewers on Southworth Street (12" and 10") | 8,087.70 | B- 971 |
| (a) | Crowland, Township of | Construction of Sidewalks, Wright Street, &c. | 14,984.25 | B-1271 |
| (a) | Crowland, Township of | Construction of Watermain on Schofield Ave. South | 1,890.30 | B-1272 |
| (a) | Crowland, Township of | Construction of certain Sewers in sewer areas 2 and 4 | 11,457.50 | B-1273 |
| | Delhi, Village of | Erection and equipment of New High School at Delhi | 6,000.00 | B- 73 |
| | Dover, Township of | Repair of the Hendricks Drain and the Hendricks Tap Drain | 1,385.00 | B- 954 |
| | Dover, Township of | Repair and Improvement of Part of the Henderson-Hebert Drain | 800.00 | B-1206 |
| | Dover, Township of | Repair and Improvement of the North or No. 1 Branch of the Fryer Drain | 860.00 | B-1306-a |
| | Dover, Township of | Repair and Improvement of the Old Hendricks Drain | 600.00 | B-1306-b |
| | Dover, Township of | Repair of Part of the Terry Mechanical Drainage Works | 1,000.00 | B-1433-a |
| | Dover, Township of | Repair and Improvement of the Second Concession Drain | 600.00 | B-1433-b |
| | Dover, Township of | Repair of the Gervais Pumping Works | 2,000.00 | B-1538 |
| (g) & (h) | Dresden, Town of | Drilling Well for the supply of fresh water for the Municipal Waterworks system | 8,500.00 | B- 855 |
| | Dundas, Town of | Construction of a Sanitary Sewer and House Connections on Hope Street | 4,770.00 | B-1446 |
| | Dunwich, Township of | Further Repair and Improvement of the McPhedran Drain | 780.00 | B-1145 |
| | East Luther, Township of | Construction of an Award Drain | 2,155.00 | B-1427 |
| | East Oxford, Township of | Extension of the Potter Drain Extension | 757.60 | B-1086 |
| | East Oxford, Township of | Construction of the Griswold Drain Extension | 965.50 | B-1277 |
| | East Oxford, Township of | Repair and Improvement of the Simmons-Hopkins Drain | 1,681.30 | B-1296 |
| | East Oxford, Township of | Construction of the Kelly-Townsend Drain | 1,739.40 | B-1374 |
| | East York, Township of | (1941 Amendment to Section 70) Construction of Sewer on Cosburn Avenue | 3,339.00 | B- 772 |
| | East York, Township of | (1941 Amendment to Section 70) Construction of Sewer and Watermain on Cosburn Avenue | 3,172.00 | B- 772-a-b |
| | East York, Township of | Construction of Watermains on Meighen Avenue and Ripon Road | 2,237.00 | B- 839 |
| | East York, Township of | Construction of Sewer on Virginia Avenue | 4,362.00 | B-1183 |
| | East York, Township of | (1941 Amendment to Section 70) Construction of a Watermain on O'Connor Drive | 2,695.00 | B-1313 |

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| | East York, Township of | (1941 Amendment to Section 70) Construction of Sewer on Cosburn Avenue | 1,400.00 | B-1364 |
| | East York, Township of | (1941 Amendment to Section 70) Construction of piling—diversion of the Don River near the Todmorden Disposal Plant | 9,000.00 | B-1439 |
| | East York, Township of | (1941 Amendment to Section 70) Corporation's share of cost of the purchase of land for and erection of buildings for a Sewage Pumping Station | 2,500.00 | B-1506 |
| | Ekfrid, Township of | Repair of the McFarlane Drain in the Township of Metcalfe and the Construction of the Carruthers Drain in the Township of Ekfrid | 1,683.25 | B- 876 |
| | Ekfrid, Township of | Repair of the Saxon Drain | 290.25 | B- 987 |
| | Ellice, Township of | Township Share of the cost of the Repair and Improvement of a portion of the "North East Drains" | 1,605.00 | B-1134-a |
| | Ellice, Township of | Corporation's share of cost of the Repair and Improvement of a portion of the North East Drains (Main Drain and Branches) in the Township of Logan | 1,021.00 | B-1134-b |
| | Ellice, Township of | Repair and Improvements of portions of the "Centre Black Creek" Drain and Extensions thereof | 11,840.00 | B-1134-c |
| | Ellice, Township of | Repair of the Roadhouse Drain | 878.75 | B-1509 |
| | Elma, Township of | Repair and Improvement of the Logan-Maitland Drain | 1,852.00 | B-1044 |
| | Elma, Township of | Repair and Improvement of a portion of the Coleman Drain | 3,400.00 | B-1138 |
| | Elma, Township of | Repair and Improvement of the Love Drain | 1,850.00 | B-1252-a |
| | Elma, Township of | Repair and Improvement of the Wilson Drain | 5,600.00 | B-1252-b |
| | Elma, Township of | Repair and Improvement of the Peebles Drain | 2,175.00 | B-1458-a |
| | Elma, Township of | Repair and Improvement of the former Thos. E. Mayberry Award Drain (now known as the Mayberry Drain) in the Townships of Wallace and Elma-Municipality's portion of the cost thereof | 1,834.25 | B-1458-b |
| (k) | Esquessing, Township of | Rebuilding of School in P. S. S. No. 2 | 2,000.00 | B- 745 |
| (a) & (h) | Etobicoke, Township of | Construction of Storm Sewers on Bloor Street, &c. Notice of Intention October 22nd, 1941 | 38,340.71 | B- 761-a |
| (a) | Etobicoke, Township of | Construction of Storm Sewer on Meadowvale Avenue | 10,000.00 | B- 761-b |
| (a) & (h) | Etobicoke, Township of | Construction of Storm Sewers. Notice of Intention October 22nd, 1941 | 20,822.37 | B- 761-c |
| | Etobicoke, Township of | Erection of a new School House for P. S. S. No. 14 | 32,000.00 | B- 989 |
| | Eton and Aubrey, Townships of (Trustees of U. S. S. No. 1) | Construction of a New School in the said School Section | 2,000.00 | B-1219 |
| | Euphemia, Township of | Construction of the Sullivan Drain | 500.00 | B- 856 |

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| | Euphemia, Township of | Improvement of the Downie Drain | 910.00 | B-1318 |
| (n) | Fenelon Falls, Village of | Purchase of "The Fenelon Falls Skating Rink" | 5,200.00 | B-1043 |
| | Fergus, Village of | Construction of the Shand Dam | 4,379.00 | B- 736 |
| (f) | Forest Hill, Village of | Construction of Sidewalk on Eglinton Avenue | 400.00 | B- 46 |
| (f) | Forest Hill, Village of | Construction of certain works required for the purpose of separating the Waterworks Distribution System within the Village from the York Township Waterworks System | 15,440.00 | B- 691 |
| (f) | Forest Hill, Village of | Construction of Storm and Sanitary Sewers on Forest Ridge Drive from Manitou Boulevard | 1,900.00 | B-1057 |
| (f) | Forest Hill, Village of | Construction of pavements on Ridge Hill Drive and Park Hill Road | 22,000.00 | B-1179-a-b |
| (f) | Forest Hill, Village of | Making of certain repairs or Improvements to the Schools in the Village | 25,000.00 | B-1270 |
| (f) & (g) | Forest Hill, Village of | Construction of Relief Sewers in Eglinton Avenue, Gilgorm Road and Spadina Road | 10,600.00 | B-1286 |
| (f) | Forest Hill, Village of | Construction of a Sewer in Fairleigh Crescent from Park Hill Road to Rosebury Road | 2,000.00 | B-1351 |
| (f) | Forest Hill, Village of | Construction of a Storm and Sanitary Sewer in Rosebury Road | 3,100.00 | B-1354 |
| (f) | Forest Hill, Village of | Construction of Water Main in Fairleigh Crescent | 1,168.00 | B-1389 |
| (f) | Forest Hill, Village of | Construction of Watermain in Rosebury Road | 1,350.00 | B-1450 |
| (f) | Forest Hill, Village of | Grading and Gravelling Roadway on Forest Ridge Drive | 1,300.00 | B-1462 |
| (f) | Forest Hill, Village of | Grading and Gravelling Roadway on Fairleigh Crescent | 540.75 | B-1505 |
| (f) | Fort William, City of | Purchase of certain Fire Equipment | 20,000.00 | B- 565 |
| (l) | Fort William, City of | Guarantee by the City of Principal and Interest of Bonds of McKellar General Hospital | 45,000.00 | B- 877 |
| | Fort William, City of | Installation of certain Sanitary Sinks and Closets in connection with private Sewer Connection in year 1942 | 1,052.82 | B- 963-a |
| (f) | Fort William, City of | Construction of Gravelling on Fort St., &c. | 6,224.00 | B-1265 |
| (f) | Fort William, City of | Construction of certain Concrete Sidewalks—Norah Street, &c. | 22,495.00 | B-1266 |
| (a) & (f) | Fort William, City of | Construction of Plank Sidewalks, Mountain Avenue, &c.—Notice of Intention July 6th, 1942 | 1,595.00 | B-1267 |
| (a) & (f) | Fort William, City of | Construction of Pavements, Franklin Street, &c.—Notice of Intention, July 4th, 1942 | 53,822.00 | B-1268 |
| | Gloucester, Township of | Construction and Equipment of Manotick Public & Continuation School Union, P. S. S. No. 23 | 3,000.00 | B-1343 |
| | Gosfield South, Township of | Construction of "West Front Road" Drain | 1,351.00 | B- 829-a |
| | Gosfield South, Township of | Repair of the Third Concession East Drain | 1,352.08 | B- 829-b |

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| | Gosfield North, Township of | Deepening and Improvement of the Ruscomb Drain | 2,752.03 | B-1336 |
| | Grey, Township of | Improvement of the 14th Concession Drain | 2,096.00 | B-1339-a |
| | Grey, Township of | Improvement of the 9th Concession Drain | 2,305.00 | B-1339-b |
| | Grey, Township of | Repair of the 6th Concession Drain | 6,300.00 | B-1479-a |
| | Grey, Township of | Repair of the Hanna Drain | 3,743.00 | B-1479-b |
| (k) | Grimsby, Town of | Purchase of the Electrical Distribution System and business known as the "Grimsby Electric System" | 85,344.00 | B- 873 |
| | Hamilton, City of | Repairs and Improvements to Public Schools | 34,700.00 | B- 910-a |
| | Hamilton, City of | Repairs and Improvements to High School Buildings | 16,800.00 | B- 910-b |
| (i) & (l) | Hamilton, City of | Construction of Nurses' Residence at Hamilton General Hospital—Floating Indebtedness | 58,760.00 | B- 912 |
| | Hamilton, City of | Construction of Pavement with necessary Drain Connections on Barton Street East | 87,815.00 | B- 966 |
| | Hamilton, City of | Construction of Pipe Sewer on Inglewood Drive | 3,255.00 | B-1001 |
| | Hamilton, City of | Construction of Watermain on Wexford Avenue | 3,300.00 | B-1126 |
| | Hamilton, City of | Water Services and Meters for the year 1942 | 50,000.00 | B-1166 |
| | Hamilton, City of | Construction of Cement Walk and Curb on Churchill Avenue | 1,510.27 | B-1221 |
| | Hamilton, City of | Construction of Cement Walk and Independent Curb on Wexford Avenue | 3,737.63 | B-1222 |
| | Hamilton, City of | Construction of Cement Walk on Bowman Street | 979.23 | B-1223 |
| | Hamilton, City of | Construction of Cement Walk and Curb on Churchill Avenue | 1,576.18 | B-1224 |
| | Hamilton, City of | Construction of a Cement Walk and Curb on Wavell Avenue | 1,829.19 | B-1225 |
| | Hamilton, City of | Construction of Cement Walk and Curb on Wavell Avenue | 1,829.19 | B-1226 |
| | Hamilton, City of | Construction of Concrete Pavement on Wavell Avenue | 5,010.31 | B-1227 |
| | Hamilton, City of | Construction of Concrete Pavement on Churchill Avenue | 2,371.65 | B-1228 |
| | Hamilton, City of | Construction of Cement Walk and Curb on West Second Street | 1,386.74 | B-1368 |
| (l) | Hamilton, City of | Construction of Trunk Sewer on Beach Road and Strathearne Avenue and a Trunk Sewer on Barton Street | 322,000.00 | B-1476 |
| | Harrow, Town of | Construction of Sidewalk on the North side of Wellington Street | 480.00 | B-1382 |
| | Harwich, Township of | Repair and Improvement of the Lake Shore and Internal Drain | 3,160.00 | B- 898 |
| | Harwich, Township of | Corporation's share of the Cost of Repair and Improvement of the Walker Drain | 785.00 | B-1009-a |
| | Harwich, Township of | Repair of the Rushton Drain | 387.75 | B-1009-b |
| | Harwich, Township of | Repair of the White Drain | 862.00 | B-1154 |
| | Harwich, Township of | Completion of an Addition to the School House in U.S.S.No.19 | 6,000.00 | B-1384 |
| | Harwich, Township of | Repair of the Lucas Extension Drain | 192.89 | B-1480 |

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| | Harwich, Township of | Repair of the Morgan Drain | 774.00 | B-1558 |
| | Harwich, Township of | Construction of the Woofenden Drain | 810.00 | B-1559-a |
| | Harwich, Township of | Repair of the Gales Drain | 750.00 | B-1559-b |
| | Harwich, Township of | Repair of the Buchanan Drain | 987.00 | B-1559-c |
| | Hay, Township of | Improvement of the North Branch of the Black Creek Drain | 1,256.70 | B- 982 |
| | Hay, Township of | Repair of the McDonald Drain | 445.50 | B-1063 |
| | Hay, Township of | Improvement of the Zurich Drain South | 3,137.80 | B-1246 |
| | Howard, Township of | Repair and Improvement of the Boothroyd-Tape Drain | 526.00 | B- 861 |
| | Howard, Township of | Construction of the Dilliott Drain | 1,474.00 | B- 959-a |
| | Howard, Township of | Repair and Improvement of the Anderson Drain | 2,883.00 | B- 959-b |
| | Howard, Township of | Construction of the Tuck Drain | 1,786.00 | B- 959-c |
| | Howard, Township of | Repair, Improvement and Maintenance of the Buller Drain | 2,777.67 | B-1299 |
| | Howard, Township of | Repair of the Mervin Drain | 672.00 | B-1383-a |
| | Howard, Township of | Repair of the Gammage Drain | 711.72 | B-1383-b |
| | Howard, Township of | Repair of part of the lower portion of the Crouch Drain | 1,069.41 | B-1383-c |
| | Howard, Township of | Repair of the portion of the Johnstone-Timline Drain in the Township of Howard | 430.50 | B-1383-d |
| | Humberstone, Township of | Erecting of Addition to the present Public School Building in S. S. No. 3 | 9,000.00 | B-1329 |
| | Iroquois, Village of | Purchase of a new type ASV-M, Wallace & Tiernan Automatic Visible Vacuum Chlorinator | 2,500.00 | B-1091 |
| (p) & (k) | Kincardine, Town of | Public Arena | 18,000.00 | B-1127 |
| (k) | King, Township of | Repair of the Holland Marsh Drainage Works | 8,433.50 | B-1261 |
| (g) | Kingston, City of | Water Supply | 202,500.00 | A-8714-a |
| | Kingston, City of | Construction of Concrete Walk on west side of Willingdon Ave. | 1,157.80 | B- 718-a |
| | Kingston, City of | Construction of Concrete Sidewalks on Mack Street and Napier Street | 920.45 | B- 718-b-c |
| (k) | Kingston, City of | Purchase of property known as "Queen's Athletic Field" for Public School purposes | 12,000.00 | B- 904 |
| (i) & (k) | Kingston, City of | Floating Indebtedness (Waterworks Department) | 37,000.00 | B- 948 |
| | Kingston, City of | Purchase of a Compressor Unit, Sewage Pump and Truck Chassis | 5,200.00 | B- 969 |
| | Kingston, City of | Construction of Concrete Walks on Napier and Helen Streets | 1,176.00 | B- 988-a-b |
| | Kingston, City of | Construction of Concrete Walk on Macdonnell Street and Sewer in Brock Street | 500.80 | B-1039-a-b |
| (l) | Kingston, City of | Installation of New Incinerator Unit and Chimney | 24,175.00 | B-1056 |

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| | Kingston, City of | Construction of a Sidewalk on College, Regent and Durham Streets | 1,399.00 | B-1175 |
| | Kingston, City of | Construction of Tile Sewer in Lansdowne Street | 466.95 | B-1283-a |
| (g) | Kingston, City of | Construction of Extension to the system of Sewerage from the present Sewer on Main Street to an Outlet at the Existing Sewer on Carlisle Street | 2,100.00 | B-1309 |
| | Kingston, City of | Construction of Concrete Walk on North Side of Park Street | 520.00 | B-1345 |
| | Kingston, City of | Construction of Sewer on Park Street and Sidewalks on College Street | 5,391.20 | B-1393-a-b-c |
| | Kingston, City of | Construction of Concrete Walk on east side of Regent Street | 400.00 | B-1422 |
| | Kingston, City of | Construction of Concrete Walk on Napier and Mack Streets | 457.60 | B-1471 |
| | Kitchener, City of | Construction of Concrete Walks on Mansion and Krug Streets | 684.10 | B-994-a-b |
| | Kitchener, City of | Construction of Concrete Walk on Highland Road | 434.00 | B-1094 |
| | Kitchener, City of | Construction of Sanitary Sewer on Ottawa Street | 2,104.50 | B-1259-b |
| | Kitchener, City of | Construction of Concrete Walk on Patricia Avenue | 307.58 | B-1478 |
| (a) | Leaside, Town of | Construction of Watermain on Parkhurst Boulevard. (Notice of Intention Nov. 27th, 1941) | 3,300.00 | B- 833 |
| | Leaside, Town of | Construction of Watermain on Copeland Street | 706.00 | B- 834 |
| | Leaside, Town of | Construction of Watermains on St. Cuthberts Road and Laird Drive and New Connection to existing City of Toronto Watermain on Bayview Avenue | 18,000.00 | B- 930 |
| | Leaside, Town of | Construction of Sidewalks on Hanna Road, &c. | 5,265.85 | B-1528 |
| | L'Original, Village of | Purchase of Fire Engine | 1,500.00 | B- 874 |
| | Logan, Township of | Repair of the Parrott Drain | 475.00 | B- 884-a |
| | Logan, Township of | Repair and Improvement of the Wassman Drain | 277.00 | B- 884-b |
| | Logan, Township of | Repair and Improvement of Logan-Maitland Drain | 340.00 | B-1146 |
| | Logan, Township of | Repair and improvement of the Ritz Drain | 2,074.00 | B- 897 |
| | Logan, Township of | Repair and Improvement of the North East Drains | 4,146.00 | B-1075 |
| | London, City of | Construction of Cement Walk on West Wellington Road | 483.23 | B-1072 |
| | London, City of | Construction of Cement Walk on East Delaware Street | 221.38 | B- 981 |
| | London, City of | Construction of Cement Walks on North Vauxhall Street and South Dundas Street | 530.37 | B- 991-a-b |
| | London, City of | Construction of Cement Walk on West Trevithen Street | 451.61 | B-1045 |
| (a) | London, City of | Construction of Cement Walk on South Dundas Street. (Notice of Intention May 23rd, 1942) | 188.49 | B-1088 |
| | London, City of | Construction of Cement Walks on South Florence Street and West Delaware Avenue | 858.94 | B-1141-a-b |

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| | London, City of | Construction of Cement Walk on North Robert Street and Curb and Gutter on East and West Ashland Avenue | 2,051.54 | B-1191-a-b |
| (a) | London, City of | Construction of Sanitary Sewer on South Regent Street. (Notice of Intention May 13th, 1942) | 2,156.50 | B-1195 |
| | London, City of | Construction of Cement Walk on South Regent Street | 227.70 | B-1239 |
| (a) | London, City of | Construction of Sanitary Sewer on Adelaide Street. (Notice of Intention July 15th, 1942) | 988.72 | B-1335 |
| | London, City of | Construction of Sanitary Sewer on Giles Street | 4,841.62 | B-1369 |
| | London, City of | Construction of Sanitary Sewer on Balmoral Avenue | 1,540.50 | B-1399 |
| | London, City of | Construction of Cement Sidewalk on South St. James Street | 351.67 | B-1420 |
| | London, Township of | Construction of Tile Drain in the vicinity of King's Highway No. 2, at Crumlin | 3,332.00 | B- 967 |
| | Long Branch, Village of | Addition to Fire Hall—1941 Amendment | 2,900.00 | B-1534 |
| | Lucan, Village of | Corporation's share of Cost of the New Heating system of the Lucan High School | 525.00 | B-1254 |
| | Machin, Municipality of | Purchase of a Caterpiller Tractor | 5,370.00 | B- 807 |
| | Maidstone, Township of | Repair of the Brady Drain | 1,230.45 | B- 968-a |
| | Maidstone, Township of | Construction of the Beattie Drain | 1,299.60 | B- 968-b |
| | Maidstone, Township of | Repair and Improvement of the Newman Drain | 1,004.79 | B-1367-a |
| | Maidstone, Township of | Repair and Improvement of the Ellis and Hyland Drains | 1,929.25 | B-1367-b |
| | Maidstone, Township of | Repair and Improvement of the West Townline and Mooney Creek Drains | 5,685.67 | B-1447 |
| | Maidstone, Township of | Repair of the Plant Drain | 1,301.45 | B-1555 |
| | Malahide, Township of | Construction of Liddle Drain | 1,190.00 | B- 917 |
| | Malahide, Township of | Construction of the Partlow Drain | 1,100.00 | B- 941 |
| | Malahide, Township of | Construction of the Pound Drain Outlet | 379.00 | B-1028 |
| | Malahide, Township of | Repair of the Stirton Drain | 425.04 | B-1489 |
| | Mayo, Township of | Erection of new Schoolhouse in Township School Area of Mayo to take the place of School House Nos. 1 and 3 | 8,000.00 | B-1488 |
| | Merritton | Erection of a new two-roomed Public School in the North Ward | 13,500.00 | B-1523 |
| | Mersea, Township of | Repair and Improvement of the Wyatt Drain | 2,099.00 | B- 975 |
| | Mersea, Township of | Conversion of the "Lorne E. Jackson D. & W." Drain into a Municipal Drain | 800.00 | B-1026 |
| | Mersea, Township of | Cleaning and Improving the Beacon Drain | 1,460.00 | B-1180 |
| | Mersea, Township of | Repair of the Reid Drain Outlet | 2,787.00 | B-1293-a |
| | Mersea, Township of | Construction of the Gillanders Drain | 681.00 | B-1293-b |

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| | Mersea, Township of | Repair and Improvement of the Tenth Concession Branch of Silver Creek Drain | 842.00 | B-1342 |
| | Mersea, Township of | Repairing and Improving the West Branch and Ninth Concession Branch of the Reid Drain | 2,005.00 | B-1388 |
| (j) & (k) | Midland, Town of | Retirement of unmatured Debentures | 300,000.00 | B-1112 |
| | Moore, Township of | Repair of the Government Drain Number 10 | 1,233.00 | B- 863 |
| | Mornington, Township of | Repair of the Hawthorne Drain | 2,630.00 | B-1451 |
| | Morris, Township of | Construction of New School in P. S. S. No. 8 | 6,000.00 | B-1043 |
| | Mosa, Township of | Construction of the Smith Drain | 470.00 | B- 990-a |
| | Mosa, Township of | Construction of the Fisher Tile Drain | 171.00 | B- 990-b |
| | Mosa, Township of | Repair of the Moyer Drain | 235.00 | B-1438 |
| | Neebing, Township of | Purchase of "Caterpillar" Motor Grader and Equipment | 5,265.00 | B-1111 |
| (k) | Neebing, Township of | Construction of an additional Class Room to Public School No. 4, Vickers Heights | 9,525.00 | B-1347 |
| (k) | Neebing, Township of | Construction and equiping of a school in School Section No. 2, in the Township of Pardee | 2,000.00 | B-1348 |
| | Nelson, Township of | Construction of Watermains, Road Grading and Sanitary Sewer, Emerson Road, & c. | 10,400.00 | B-1229 |
| (a) | Nepean, Township of | Construction of Watermains and Sewers, John Street, & c. (Notice of Intention September 2nd, 1942) | 3,200.00 | B-1432-a-b |
| (l) | Newmarket, Town of | Purchase of Imperial Bank premises for Municipal and Water and Light Department Offices | 9,000.00 | B-1379 |
| | North Dorchester, Twp. of | Repair of the Hunter Drain | 900.00 | B-1152 |
| | North Monaghan, Twp. of | Construction of Sewer on Fradette Avenue | 1,201.07 | B-1097 |
| | North Monaghan, Twp. of | Enlargement of School building known as Confederation School, P. S. S. No. 2 | 16,000.00 | B-1281 |
| | North Monaghan, Twp. of | Construction of Sewer on McGill Street | 5,972.09 | B-1337-a |
| | North Monaghan, Twp. of | Construction of Watermain on McGill Street | 9,100.00 | B-1337-b |
| (k) | North York, Township of | Construction of certain Waterworks Extensions | 55,000.00 | B- 932 |
| | North York, Township of | Construction of Sanitary Sewer on DeVere Gardens | 3,822.17 | B-1067 |
| | North York, Township of | Construction of Sanitary Sewer on Armour Boulevard | 2,801.85 | B-1301 |
| | North York, Township of | Construction of Sanitary Sewer on DeVere Gardens | 1,830.82 | B-1302 |
| | North York, Township of | Construction of Concrete Sidewalk on Olive Avenue | 842.33 | B-1303 |
| | North York, Township of | Construction of Pavement and Curbing on Old Orchard Grove | 7,517.44 | B-1304 |
| | North York, Township of | Construction of Sanitary Sewer on Joicey Boulevard | 2,767.20 | B-1305-a |
| | North York, Township of | Construction of Watermain on Joicey Boulevard | 2,075.00 | B-1305-b |

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| | North York, Township of | Construction of Sanitary Sewer on Jainey Place | 1,251.00 | B-1305-c |
| | North York, Township of | Construction of Watermain on Jainey Place | 1,005.00 | B-1305-d |
| | North York, Township of | Construction of Watermain on Felbrigg Avenue | 843.79 | B-1355 |
| | North York, Township of | Construction of Sanitary Sewer on Felbrigg Avenue | 553.00 | B-1356 |
| | North York, Township of | Construction of Macadam Pavement on Joicey Boulevard | 3,426.03 | B-1395-a |
| | North York, Township of | Construction of Macadam Pavement on Jainey Place | 1,258.17 | B-1395-b |
| | Oakland, Township of | Erection of School House | 6,500.00 | B-1564 |
| | Orford, Township of | Repair of the Gladstone Drain | 715.36 | B- 843 |
| | Orford, Township of | Repair and Improvement of the Dubs Drain | 653.40 | B- 899 |
| | Orford. Township of | Repair of the Johnstone-Tinline Drain | 2,340.54 | B-1310 |
| | Orford, Township of | Repair of the Buller Drain | 314.88 | B-1418 |
| | Orford, Township of | Repair and Improvement of the Lower Crouch Drain ($99.06) and Repair of the Gammage Drain ($120.96) | 220.02 | B-1531-a-b |
| | Orillia, Town of | (1941 Amendment to Section 70) Expenditures of Board of Park Management due to a Deficiency of Revenue | 650.00 | B-1414 |
| | Ottawa, City of | Purchase of land for Extension of Premises of Connaught School, 1941 Amendment | 1,772.50 | B- 844 |
| (a) | Ottawa, City of | Construction of certain Sidewalks, Hamilton Avenue East, &c. (Notice of Intention March 17th, 1942) | 4,275.00 | B-1018-a-h |
| (a) | Ottawa, City of | Construction of certain Sidewalks, Belgrave Road &c. (Notice of Intention April 9th, 1942) | 4,830.00 | B-1064-a-b-d-e |
| (a) | Ottawa, City of | Construction Concrete Sidewalk on Huron Avenue, (Notice of Intention June 17th, 1942) | 855.00 | B-1018-c |
| (a) | Ottawa, City of | Construction of Concrete Sidewalk on Kenilworth Avenue. (Notice of Intention April 9th, 1942) | 780.00 | B-1064-c |
| (1) | Ottawa, City of | Construction of Extension to the Ottawa Civic Hospital | 200,000.00 | B-1076 |
| (a) & (c) | Ottawa, City of | Asphalt Pavement on Main Street (Notice of Intention May 7th, 1942) | 16,434.19 | B-1101-b |
| | Ottawa, City of | Construction of certain Concrete Sidewalks, Belgrave Road &c. | 1,675.00 | B-1109 |
| | Ottawa, City of | Construction of Sewer on Loretta Avenue | 1,286.00 | B-1165 |
| | Ottawa, City of | Construction of certain Sidewalks, Daly Avenue, &c. | 2,456.00 | B-1181-a-b-c |
| (a) | Ottawa, City of | Construction of Sidewalk on south side Daly Avenue. (Notice of Intention May 20th, 1942) | 333.00 | B-1182-a |
| (a) | Ottawa, City of | Construction of Concrete Sidewalk on Reid Avenue. (Notice of Intention May 20th, 1942) | 1,500.00 | B-1182-b |
| (c) | Ottawa, City of | Resurfacing with Asphalt Pavement of St. Patrick Street | 6,288.00 | B-1207 |

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| | Ottawa, City of | Expenditure for Unemployment Insurance for the year 1942—1941 Amendment | 15,000.00 | B-1269 |
| | Ottawa, City of | Construction of Sidewalks on Carling Avenue, Kenilworth Street and King Edward Avenue and Curb on Sherwood Drive | 1,761.00 | B-1282 |
| | Ottawa, City of | Construction of Concrete Sidewalks on MacFarlane Avenue and Elgin Street | 1,700.00 | B-1331 |
| (a) | Ottawa, City of | Construction of Sidewalk on Beech Street South and Clegg Street South (Notice of Intention July 22nd, 1942) | 2,317.00 | B-1332 |
| (a) | Ottawa, City of | Construction of Concrete Curbing on Sherwood Drive. (Notice of Intention August 5th, 1942) | 625.00 | B-1372 |
| | Ottawa, City of | Construction of Concrete Sidewalks on MacFarlane Avenue and York Street | 2,010.00 | B-1405-a-b |
| | Ottawa, City of | Construction of Concrete Sidewalk on Galt Avenue | 200.00 | B-1423 |
| (a) | Ottawa, City of | Construction of Concrete Sidewalk on Loretta Avenue. (Notice of Intention Sept. 22nd, 1942) | 2,200.00 | B-1446-a |
| | Ottawa, City of | Construction of Sewer on Young Street | 2,160.00 | B-1494 |
| | Ottawa, City of | Construction of Sewer on Laurentian Place | 2,525.00 | B-1518 |
| (a) & (k) | Parry Sound, Town of | Construction of Pavements on Waubeek Street, &c. (Notice of Intention March 12th, 1942) | 57,783.00 | B- 995 |
| (e) | Peterborough, City of | Erection of an Incinerator for the Disposal of Garbage | 45,000.00 | B- 840 |
| | Peterborough, City of | Construction of Sidewalks, Rogers Street, &c. | 1,467.25 | B-1407-a-d |
| | Petrolia, Town of | Purchase of a Triple Combination Fire Pumper, Booster and Hose Truck | 4,748.00 | B-1046 |
| | Phelps, Township of (unorganized)—Trustees of Public School Section No. 2 | Construction of a New One-room Frame School House | 1,000.00 | B-1136 |
| | Pickering, Township of | Purchase of a Fire Engine and other Appliances for fighting fire for the Police Village of Pickering | 3,000.00 | B- 872 |
| | Plympton, Township of | Repair of the Carmichael Drain | 293.00 | B- 908 |
| | Plympton, Township of | Repair and Improvement of the John D. Anderson Drain | 295.00 | B-1069 |
| | Plympton, Township of | Repair and Improvement of the McMurphy Extension Drain and of the McMurphy Drain and Branches | 1,641.00 | B-1108 |
| | Plympton, Township of | Repair and Improvement of part of the 3 and 4 Sideroad Drain and Branch | 625.00 | B-1570 |
| (k) | Preston, Town of | Corporation's proportion of the Cost of the Shand Dam constructed by the "Grand River Conservation Commission" | 20,000.00 | B-1139 |

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| | Port Arthur, City of | Construction of Concrete Sidewalks on St. George Street and Balsam Avenue | 2,009.85 | B-1130 |
| | Port Arthur, City of | Construction of Sanitary Sewers, High Street, &c. | 36,368.96 | B-1131 |
| | Port Arthur, City of | Construction and Installation of House Sewer Connections during the year 1942 | 25,000.00 | B-1132 |
| | Port Arthur, City of | Construction of a Concrete Sidewalk on the east side of Rupert Street | 3,800.00 | B-1317 |
| | Port Arthur, City of | Construction of Sanitary Sewer on Dewe Avenue | 3,300.00 | B-1487-a |
| | Port Arthur, City of | Construction of Concrete Sidewalk on the east and west sides of Machar Avenue | 2,500.00 | B-1487-b |
| | Port Arthur, City of | Construction of Sanitary Sewer on Marion Street | 2,100.00 | B-1495 |
| | Port Arthur, City of | Construction of Plank Sidewalk on High Street | 870.00 | B-1550 |
| | Raleigh, Township of | Construction and Maintenance of the Stanski Drain | 550.00 | B- 928 |
| | Raleigh, Township of | Construction of the Vickery Drain | 660.00 | B-1025-a |
| | Raleigh, Township of | Repairs to the Dolson-Government Drain | 258.00 | B-1025-b |
| | Raleigh, Township of | Repair and Maintenance of the Hooper King Drain | 2,435.00 | B-1467 |
| | Raleigh, Township of | Construction of Sidewalks in the Police Village of Merlin | 2,907.85 | B-1482 |
| | Raleigh, Township of | Repair and Maintenance of the Burns Drain | 1,015.00 | B-1530 |
| | Romney, Township of | Improvement of the Campbell Sideroad Drain | 2,637.00 | B-1178 |
| | St. Catharines, City of | Construction of Tile Sewer on Southerly Service Road | 1,075.00 | B- 867-a |
| | St. Catharines, City of | Construction of Storm Relief Sewers on Page Street and Oakhill Park | 3,300.00 | B- 868 |
| (a) | St. Catharines, City of | Construction of Private Drain connection on Spruce Street, &c. (Notice of Intention Nov. 29th, 1941) | 1,629.94 | B-1005 |
| (a) | St. Catharines, City of | Construction of Concrete Pavements, Sidewalks and Curbs, Wiley Street, etc. (Notice of Intention February 14th, 1942) | 6,687.00 | B-1012 |
| | St. Catharines, City of | Construction of Pavements on Ontario Street, South, and Highland Avenue | 7,060.00 | B-1137-a-b |
| (a) | St. Catharines, City of | Construction of Concrete Sidewalks, Ontario Street South, &c. (Notice of Intention May 20th, 1942) | 660.00 | B-1170 |
| | St. Catharines, City of | Construction of a Sidewalk on the west side of Ontario Street South | 40.00 | B-1170 |
| (a) | St. Catharines, City of | Construction of Concrete Sidewalk on Edith Street. (Notice of Intention June 16th, 1942) | 920.00 | B-1170 |
| (a) & (h) | St. Catharines, City of | Construction of Pavements ($24,526.00), Sidewalks ($4,426.00) and Curb ($165.00) | 29,117.00 | B-1170 |

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| | St. Catharines, City of | Construction of Pavement with Integral Curbs on McDonald Street | 2,372.00 | B-1260 |
| (a) | St. Catharines, City of | Construction of Concrete Pavement, Highland Avenue, Concrete Curb, Highland Avenue, and Concrete Sidewalk, Kernahan Street. (Notice of Intention Aug. 8th, 1942) | 3,890.00 | B-1409 |
| (a) & (d) | St. Thomas, City of | Opening and Paving of Lane between White Street and Princess Avenue. (Notice of Intention Dec. 6th, 1941) | 1,250.00 | B- 864 |
| | St. Thomas, City of | Construction of Curbs, Gutters and Sidewalks, Inkerman Street, &c. | 3,873.00 | B-1172-a-b-c |
| (a) | St. Thomas, City of | Resurfacing of Southwick Street. (Notice of Intention June 29th, 1942) | 530.00 | B-1172-d |
| (a) | St. Thomas, City of | Construction of Curbs, Gutters and Sidewalks, Talbot and Southwich Streets. (Notice of Intention June 4th, 1942) | 6,914.00 | B-1263-a-e |
| | Sandwich South, Twp of. | Repair and Improvement of the South Talbot and Holden Outlet Drain | 2,796.00 | B-1328 |
| | Sandwich South, Twp. of | Repair of the West Townline and Mooney Creek Drain | 1,571.97 | B-1522 |
| | Sarnia, Township of | Repair of the Sixth and Seventh Concession Drain | 875.00 | B- 893 |
| | Sarnia, Township of | Construction of Watermain on the southerly side of Exmouth Street | 2,395.00 | B- 985 |
| | Sarnia, City of | Hospital purposes | 9,000.00 | B-1135 |
| | Sarnia, Township of | Construction of Watermain along the westerly side of road between Lots 66 and 67, Concession 9 | 943.80 | B-1240 |
| | Sarnia, Township of | Construction of Watermain on 8th Concession Road and Matthews Avenue | 1,795.20 | B-1241 |
| | Sarnia, Township of | Repair of the Cox Drain | 732.00 | B-1256 |
| | Sarnia, Township of | Repair of the Wilson-Mathers Drain | 1,625.00 | B-1568 |
| (g) & (k) | Seaforth, Town of | Extension and Improvement of Electric Light and Power System | 10,000.00 | B- 849 |
| | Sombra, Township of | Repair of the Hazzard Drain | 423.00 | B- 906 |
| | Sombra, Township of | Repair and Improvement of the Hodge Drain | 386.00 | B- 956 |
| | Sombra, Township of | Repair and Improvement of the Reid-Hecher Drain | 1,464.00 | B-1255-a |
| | Sombra, Township of | Repair and Improvement of the Forbes Drain | 1,083.20 | B-1255-b |
| | Sombra, Township of | Repair of the Powers Drain West | 2,340.00 | B-1448 |
| | South Monaghan, Twp. of | Erection and Equipment of a New Public School in S. S. No. 1 | 8,000.00 | B-1279 |
| | Stamford, Township of | Construction of Watermain on Kitchener Street | 2,498.00 | B-1095 |
| | Stanley, Township of | Construction of the Rathwell Drain | 2,800.00 | B- 944 |
| (k) | Stephen, Township of | Repair of the Centralia Drain | 1,056.66 | B-1251 |

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| (m) | Stratford, City of | Purchase of Artificial Ice Plant of The Stratford Arena Gardens, Limited, and all real estate thereof and $5,000.00 for Improvements to the said Ice Plant and real estate | 25,000.00 | B- 828 |
| | Sudbury, City of | (1941 Amendment to Section 70). Oiling of Albinson and other streets | 21,259.43 | B-1106 |
| | Sudbury, City of | Construction of Watermain on Edmund Street | 980.33 | B-1199 |
| | Sudbury, City of | Construction of Sanitary Sewers on Douglas, Riverside, Dell and Caron Streets | 7,005.00 | B-1200 |
| | Sudbury, City of | Construction of Watermain Extensions on Douglas, St. Charles and St. Lawrence Street and Clinton Avenue | 4,984.40 | B-1201 |
| | Sudbury, City of | Construction of Concrete Walks on Frood Road, and Riverside and Elizabeth Streets | 10,396.00 | B-1202 |
| (k) | Sundridge, Village of | Building of New School in the Village | 15,000.00 | B-1066 |
| (f) | Thorold, Township of | Concrete Sidewalk on Mackan Street | 434.50 | B-1397 |
| | Tilbury East, Township of | Repair and Improvement of the Chalmers One Drain | 708.00 | B-1035-a |
| | Tilbury East, Township of | Improvement to Pumping Station of Forbes Drainage Works | 5,074.00 | B-1035-b |
| | Tilbury East, Township of | Better Maintenance of a part of the Forbes Drainage Works | 606.00 | B-1431-a |
| | Tilbury East, Township of | Better Maintenance of the Conley Drain | 624.00 | B-1431-b |
| | Tilbury East, Township of | Construction of Sidewalks in the Police Village of Merlin | 2,379.15 | B-1483 |
| | Tilbury North, Township of | Cleaning and Improving the Evariste Pinsonneault Award Drain | 987.00 | B-1190 |
| | Tilbury North, Township of | Repair of the Second Concession Drain | 1,231.00 | B-1361 |
| | Tilbury North, Township of | Repair of the Dupuis Pumping Scheme Works | 2,635.00 | B-1396-a |
| | Tilbury North, Township of | Repair of the Damphouse Drain | 1,421.00 | B-1396-b |
| | Tilbury North, Township of | Repair and Improvement of the Canadian National Railway Drain | 636.00 | B-1481 |
| | Tilbury North, Township of | Repair and Improvement of the 18-19 Sideroad Drain | 295.00 | B-1510 |
| | Tilbury North, Township of | Repair of the Carrier Drain | 807.86 | B-1520 |
| | Toronto, City of | Corporation's share of T. T. C. Track Allowance, Payments, etc., Constructed in 1941 | 53,918.00 | B- 850 |
| (d) | Toronto, City of | Construction of Sewer on Lane first south of Withrow Avenue and Pavements on the Lanes first east of Carlow Avenue and first east of Berkshire Avenue | 17,561.00 | B- 859-a-b-c |
| | Toronto, City of | Construction of Pavement on Wildwood Crescent and Gainsborough Road | 9,559.00 | B- 871 |
| | Toronto, City of | Construction of Pavement and Curbing on a portion of Mount Pleasant Road and a Watermain on a portion of Avenue Road | 4,471.00 | B- 882-a-b-c |

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| (a) | Toronto, City of | Construction of Sewer on Lane first north of Danforth Avenue, between Caithness and Greenwood Avenues | 2,480.00 | B- 920-a |
| (d) | Toronto, City of | Construction of a Pavement on the Lane first north of Danforth between Caithness and Greenwood Avenues | 4,872.00 | B- 920-b |
| Item No.3 (b) | Toronto, City of | Construction of Pavement and curbing on portion of Ellis Park Road, Sidewalk on portion of Fraser Avenue, Watermain on portion of Banff Road and Resurfacing of portion of Pavement on Court Street | 12,997.00 | B- 946-1-2-3-5-6 |
| (d) | Toronto, City of | Pavement on Lanes first east of Caroline Avenue and first south of Queen Street | 11,379.00 | B- 946-4 |
| | Toronto, City of | Construction of Pavement on Braeside Road | 4,610.00 | B- 965 |
| (a) | Toronto, City of | Construction of Sewer on a portion of Ossington Avenue | 27,100.00 | B-1011 |
| | Toronto, City of | Construction of Sewer on a portion of Elvina Gardens, Pavement on a portion of Forsythe Crescent and Sidewalk on a portion of Avenue Road | 4,267.00 | B-1051 |
| | Toronto, City of | Purchase of four Friden Supermatic Calculators (1941 Amendment to Section 70) | 3,420.00 | B-1059 |
| | Toronto, City of | Construction of Revenue Watermain on a portion of Elvina Gardens | 421.00 | B-1070 |
| | Toronto, City of | Construction of Pavements and Curbings on portions of East Lynn and Westlake Avenues and Sidewalks on portions of Paton Road and Pendrith Street | 12,675.00 | B-1117 |
| | Toronto, City of | Acquisition of certain Lands in connection with the future Widening of Leeds Street and Roblock Avenue | 1,000.00 | B-1118 |
| | Toronto, City of | Toronto Harbour Commissioners—Guarantee of Debentures | 5,500,000.00 | B-1155 |
| | Toronto, City of | (1941 Amendment to Section 70)—Construction of an unclimable Fence on the east side of Leslie Street south of Keating Street | 3,825.00 | B-1177 |
| | Toronto, City of | Construction of Concrete Sidewalk on portion of Doncrest Road | 210.00 | B-1193 |
| | Toronto, City of | Construction of a Pavement on First Avenue from Logan Avenue to 200′ east | 3,286.00 | B-1196 |
| | Toronto, City of | Corporation's share of T. T. C. Track Allowance, Payments, etc., constructed in 1942 | 53,263.00 | B-1232 |
| (d) | Toronto, City of | Construction of a Sewer and Pavement on the Lane first west of Sorauren Avenue and on the Lane first north of Fern Avenue | 6,731.00 | B-1248 |
| (a) | Toronto, City of | Construction of Sewer on the Lane first north of Danforth Avenue and Lane first west of Woodycrest Avenue | 2,585.00 | B-1292 |
| | Toronto, City of | Construction of Pavement on a portion of Cherry Street and Sidewalk on a portion of Davenport Road | 70,833.00 | B-1334-a-b |

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| | Toronto, City of | Construction of a Pavement on Mill Street | 24,958.00 | B-1403 |
| Item (a) (d) | Toronto, City of | Construction of a Sewer and Pavement on the Lane first north of Dundas Street West, west from Lakeview Avenue | 2,906.00 | B-1404-a-b |
| | Toronto, City of | Construction of a Pavement on a portion of Aldbury Gardens | 8,270.00 | B-1419 |
| (a) | Toronto, City of | Construction of a Sidewalk and Curbing on a portion of Temperance Street | 857.00 | B-1442-a |
| (a) | Toronto, City of | Construction of Concrete Walk on Bloor Street West | 1,221.00 | B-1442-b |
| (a) | Toronto, City of | Construction of a Sewer on the Lane first north of Bain Avenue | 2,865.00 | B-1443 |
| | Toronto, City of | Construction of a 6″ Bond Watermain on a portion of Sully Crescent | 920.00 | B-1485 |
| | Toronto, City of | Construction of a Sidewalk on a portion of the south side of Eastwood Road | 1,469.00 | B-1486 |
| | Toronto, City of | Construction of a Pavement on a portion of Labatt Avenue and a Sidewalk on Avenue Road | 5,890.00 | B-1515-a-b |
| | Toronto, City of | Construction of a Sidewalk on a portion of Rosewell Avenue | 168.00 | B-1516 |
| | Toronto, City of | Corporation's share of the Cost of Suburban Roads constructed in the year 1941 | 26,800.63 | B-1519 |
| (l) | Toronto, City of | Grant to the Toronto East General Hospital | 150,000.00 | B-1532-a |
| (l) | Toronto, City of | Grant to Wellesley Hospital | 150,000.00 | B-1532-b |
| (a) | Toronto, City of | Construction of Sidewalk on a portion of the east side of Avenue Road | 1,056.00 | B-1533 |
| | Toronto, City of | (1941 Amendment to Section 70) Supplementary Appropriations for the Assessment, Works and City Planning Departments | 22,477.00 | B-1536 |
| | Toronto, City of | Construction of a Sidewalk on a portion of Glencairn Avenue | 303.00 | B-1544 |
| | Toronto, City of | Construction of a Sidewalk on a portion of the north side of Coleman Avenue | 241.00 | B-1565 |
| (k) | Toronto, Township of | Construction of two Double Portable School Rooms on the school grounds of S. S. No. 23 | 9,000.00 | B-1124 |
| | Toronto, Township of | Completion of a School House for U. S. S. No. 5 | 3,500.00 | B-1477 |
| | Waterloo, Town of | Construction of Sidewalk on the south side of Elmer Street | 950.00 | B-1073 |
| | Welland, City of | (1941 Amendment to Section 70) —Raising of Walks and Repairs on Spence St., etc., and Construction of Curb and Gutter on Cross Street and the Widening of Hellems Avenue Pavement | 9,735.00 | B-1311-a-b-c |
| (a) | Welland, City of | Construction of Storm Sewer on Manor Road, &c. (Notice of Intention August 5th, 1942) | 31,000.00 | B-1425 |
| | Wellesley, Township of | Purchase of Power Maintainer | 6,000.00 | B- 62 |
| (k) | West Gwillimbury, Twp. of | Repair of the Holland Marsh Drainage Works | 5,000.00 | B- 958 |

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| | West Luther, Township of | Improvements of the Outlets of Drains Nos. 33 and 10 through the Township of East Luther | 3,232.05 | B-1440 |
| | Westminster, Township of | Construction of the Harry Mann Drain and Branches | 2,250.00 | B-1545 |
| | West Zorra, Township of | Drainage of the East Parts of Lots 3 and 4, Concession 4 of the said Township | 377.20 | B-1412 |
| | Williamsburg, Twp. of | Erection of School building for S. S. No. 14 | 3,300.00 | B-1090 |
| | Winchester, Township of | Repair of the Ouderkirk-Johnston and Dillabough Creek Drains | 1,136.29 | B-1535 |
| | Woodstock, City of | Pavement and Sidewalk on Quintin Place | 2,510.00 | B-1017-a-b |
| | Woodstock, City of | Construction of Sanitary Sewer on Fyfe Avenue | 150.00 | B-1197 |
| (k) | Yarmouth, Township of | Purchase of site for and Construction of Public School building in S. S. No. 17 | 21,260.00 | B-1041 |
| | Yarmouth, Township of | Construction of the Wellington Street Drain | 3,000.00 | B-1352 |
| | Yarmouth, Township of | Construction of the Jones Outlet Drain | 785.00 | B-1464-a |
| | Yarmouth, Township of | Reconstruction of the Dell Outlet Drain | 900.00 | B-1464-b |
| (f) | York, Township of | Construction of a Sewage Treatment Works, the acquisition of land and easement therefor and the Construction of Sewers on certain highways | 15,000.00 | B-1491 |
| | Zone, Township of | Repair of the Archer Drain | 170.70 | B- 922-a |
| | Zone, Township of | Repair of the Roberts Drain | 207.08 | B- 922-b |
| | Zone, Township of | Repair of the Labadie Drain | 295.63 | B- 922-c |
| | Zone, Township of | Repair of the Terry Drain | 358.87 | B- 922-d |
| | Zone, Township of | Repair of the Goodyear Drain | 477.50 | B- 922-e |

## APPROVAL OF BY-LAWS

(Section 407 (2) of "The Municipal Act")

(Capital Expenditures Approved Prior to 1942)

| Municipality | By-law No. | Purpose | Amount | Procedure File |
|---|---|---|---|---|
| Fort William, City of | 3806 | Cost of Extensions and Improvements to the Waterworks system | $20,186.60 | B- 790 |
| Hamilton, City of | 5317 | Extensions to the Hamilton Waterworks for years 1940 and 1941 | 92,694.00 | B-1140 |
| Huntsville, City of | 636 | Waterworks purposes | 4,500.00 | B- 286 |
| Ottawa, City of | 9110 | Cost of Pumping Unit for the Queen Street Pumping Station | 85,000.00 | B- 741 |

# VALIDATION OF DEBENTURE BY-LAWS

(Section 64 of Part IV of "The Ontario Municipal Board Act")

(Capital Expenditure Approved Prior to 1942)

| Municipality | By-law No. | Purpose | Amount | Procedure File |
|---|---|---|---|---|
| Arnprior, Town of | 1128 | Addition to High School Building and for Home Economics and General Shop Work Equipment | $12,000.00 | B- 12 |
| Barton, Township of | 1832 | Construction of certain Local Improvements | 22,884.02 | B-1171 |
| Brantford, City of | 2841 | Payment of Indebtedness in connection with the Grand River Conservation Scheme | 174,000.00 | B- 823 |
| Carleton, County of | 1230 | Construction and Improvement of County Highways | 37,750.00 | B- 108 |
| Delhi, Village of | 4 | School Purposes | 15,000.00 | B-1008 |
| Elora, Village of | 946 | Proportion of the Assessment against the Village under the Grand River Conservation Act, 1938 | 4,000.00 | B- 716 |
| Fonthill, Village of | 287 (1942) | Construction of a Watermain on Cemetery Road | 1,441.30 | B- 459 |
| Fort William, City of | 3833 | Re-flooring traffic portion of the Steel Approaches to the Bascule Bridge of the Canadian Pacific Railway | 18,500.00 | A-9597 |
| Fort William, City of | 3806 | Extensions and Improvements to the Waterworks System | 20,186.60 | B- 790 |
| Fort William, City of | 3829 | (And By-laws Nos. 3823, 3824, 3825, 3826, 3827 and 3828 thereby consolidated)—certain Local Improvements | 97,183.00 | B-1036 |
| Hamilton, City of | 5317 | Extensions to the Hamilton Waterworks for the years 1940 and 1941 | 92,694.00 | B-1140 |
| Hanmer, Township of | 243 | Erection of New School Building in P. S. S. No. 1 | 8,000.00 | B- 103 |
| Huntsville, Town of | 636 | Waterworks Purposes | 4,500.00 | B- 286 |
| Iroquois Falls, Municipality of | 208 | Public School Purposes | 55,000.00 | A-9550 |
| Kingston, City of | 157 | Acquisition of land for purpose of Public Park | 10,000.00 | B- 225 |
| Kingston, City of | 183 | Certain Local Improvements | 37,000.00 | B- 841 |
| Kitchener, City of | 2797 | Certain Local Improvements | 1,064.52 | B-138-a-b |
| Kitchener, City of | 2798 | Certain Local Improvements | 26,947.49 | B- 935 |
| Leaside, Town of | 785 | Certain Local Improvements | 10,927.16 | B-1320 |
| Leaside, Town of | 786 | Certain Local Improvements | 58,524.65 | B-1221 |
| Leaside, Town of | 787 | Certain Local Improvements | 29,264.10 | B-1322 |
| Leaside, Town of | 788 | Construction of certain Local Improvements | 47,990.07 | B-1323 |
| Mountain, Township of | 790 | Better Maintenance and Improvement of the Kerr Ridge Drain | 1,275.00 | B- 641-a |

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|---|---|---|---|---|
| Mountain, Township of | 791 | Repair and Improvement of the Hamilton Drain | 660.29 | B- 641-b |
| Mountain, Township of | 793 | Maintenance and Improvement of the Allen Branch of the Allen-Arcand Drain | 4,510.10 | B- 641-c |
| Mountain, Township of | 795 | Maintenance and Repair of the Castor Extension Improvement Drain | 8,450.00 | B- 641-d |
| Mountain, Township of | 798 | Construction of the Merkley-Servais Drain | 3,750.00 | B- 641-e |
| Napanee, Town of | 22-1941 | Purchase of Fire Truck and Equipment | 4,200.00 | B- 350 |
| North York, Township of | 3246 | Erection of four-room second storey Addition to Duke of York School and purchase of necessary Furnishings and Equipment | 40,000.00 | B- 668 |
| Ottawa, City of | 9084 | Construction of certain Local Improvement Works | 5,100.00 | B-1373-a |
| Ottawa, City of | 9085 | Construction of certain Local Improvement Works | 26,300.00 | B-1373-b |
| Ottawa, City of | 9086 | Construction of certain Local Improvement Works | 26,145.98 | B-1373-c |
| Ottawa, City of | 9110 | Cost of certain Pumping Units for Queen Street Pumping Station | 85,000.00 | B-1373-d |
| Point Edward, Village of | 988 | Improvements to Buildings in Bayview Park | 3,750.00 | B- 752 |
| Port Arthur, City of | 2491 | Sewage Outlet on Lillian Street | 10,630.27 | B-1324 |
| Port Arthur, City of | 2516 | (And By-laws Nos. 2504 to 2516 (both inclusive) thereby consolidated)—Certain Local Improvements | 36,049.20 | B-1325 |
| Port Arthur, City of | 2503 | House Sewer Connections in the year 1941 | 25,872.17 | B-1326 |
| Port Arthur, City of | 2502 | (And By-laws Nos. 2492 to 2501 (both inclusive) thereby consolidated)—Certain Local Improvements) | 52,738.21 | B-1327 |
| Richmond Hill, Village of | 486A | Construction of a Trunk Sewer | 10,000.00 | B- 655 |
| St. Catharines, City of | 4772 | (As Amended by By-law No. 4776)—Local Improvements | 55,052.36 | B-1096 |
| Saltfleet, Township of | 1261 | Construction of Watermains on Adeline and Glennie Streets | 4,033.80 | B-391 |
| Sudbury, City of | 2269 | Construction of Sanitary Sewers | 6,075.65 | B- 298 &<br>B- 346 |
| Sudbury, City of | 2270 | Construction of a Storm Drain | 2,893.96 | B- 301 |
| Sudbury, City of | 2268 | Construction of Watermains | 19,003.94 | B- 296 |
| Swansea, Village of | 900 | Construction of certain Local Improvements | 19,870.96 | B-1186 |
| Swansea, Village of | 901 | Construction of certain Local Improvements | 724.07 | B-1187 |
| Toronto, Township of | 1294 | Construction of certain Watermains on the Toronto-Hamilton Highway and the Stavebank Road | 9,300.70 | A-9987 |
| Toronto, Township of | 1303 | Construction of Watermains—Hampton Crescent, &c. | 19,141.12 | B-1416 |
| Westminster, Township of | 1222 | Construction of certain Watermains | 16,321.23 | B- 329 |

# MISCELLANEOUS

## ANNEXATIONS

| Municipality | | Procedure File |
|---|---|---|
| Cornwall, Town of | Annexation to of lands known as the "Glebe" adjoining the Town | B-1413 |
| Goderich, Town of | Annexation to of tract of land and land covered by the waters of Goderich Harbour, Maitland River and Lake Huron, adjacent to the Town | B-1022 |

## ARBITRATIONS

| | | Procedure File |
|---|---|---|
| Section 79 of "The Highway Improvement Act" | | |
| Catharine H. Abohbot and Department of Highways | Fixing of compensation for expropriation of certain property at Niagara Falls, being parts of Lots 113 and 114, Plan 35, City of Niagara Falls | B- 179 |
| Paul Zamolynski and Department of Highways | Fixing of cempensation for expropriation of part of Lot 9, Concession 1, Township of Darlington | B-1093 |
| Winston Abohbot and Department of Highways | Fixing of compensation for expropriation of certain leasehold interest at Niagara Falls known as "The Cliff Dining Room" on River Road being part Lot 114, Plan 35, City of Niagara Falls. | |
| Lorne Puchrin et al and Dept. of Highways | Claims for damages re closing of Township Road, Pickering, between Lots 6 and 7, between northerly limit of right-of-way of Toronto-Oshawa divided highways and the southerly limit of C. N. R. right-of-way. | |
| "The Power Commission Act" | | |
| Leonard Llewellyn Logan and Hydro-Electric Power Commission of Ontario | Appeal from award of Harry W. Cooke, Valuator, as to the amount to be paid to the Appellant for a transmission line easement in Lot 6, in the Third Concession, Township of March | B- 929 |

## ASSESSMENT APPEALS

| | |
|---|---|
| Ruby Axler and Sylvia Simon vs. City of Toronto | B- 800 |
| Albert Bay Company, Ltd., vs. City of Toronto | B- 798 |
| Richmond Bay Company Limited, vs. City of Toronto | B- 797 |
| City of Toronto vs. Board of Governors of Victoria University | B- 889 |
| L. S. Yolles vs. City of Toronto | B- 799 |

## BRIDGES—REPAIRS TO

(Section 483 of "The Municipal Act")

| Municipality | Purpose | Amount | Procedure File |
|---|---|---|---|
| Fort William, City of | Re-flooring the traffic portion of Steel Approaches to Bascule Bridge of Canadian Pacific Railway | $18,500.00 | A-9597 |

## EXTENSION OF DEBENTURE ISSUE PERIOD

(Section 305 (11) and (12) of "The Municipal Act")

| Municipality | By-law No. | Purpose | Amount | Procedure File |
|---|---|---|---|---|
| Drury, Denison and Graham, United Townships of | 345 | Construction of a New School in Naughton School Section No. 5 | $ 5,000.00 | A-9539 |

## EXTENSION OF TIME TO PASS BY-LAW

(Section 297 (5) of "The Municipal Act")

| Municipality | By-law No. | Purpose | Procedure File |
|---|---|---|---|
| Fort William, City of | ........ | Permanent Paving of City Streets | B- 842-a |
| Fort William, City of | ........ | Levying of a General Tax Rate in the year 1942 for Permanent Street Paving | B- 842-b |
| Fort William, City of | ........ | Providing for the Cost of Construction of all future Curbing and of the application of Calcium Chlorine and/or Oil on City Streets to be borne by the City at large | B- 842-c |

## HIGHWAYS (COUNTY) ABANDONING OF PORTION OF

(Section 468 (3) of "The Municipal Act")

| Municipality | By-law No. | | Procedure File |
|---|---|---|---|
| Wellington, County of | 1539 | Portions of County Roads Nos. 60 and 69 in the Township of West Garafraxa | A-9366 |

## HIGHWAYS (COUNTY, TOWNSHIP., &c.)—CLOSING OF BY DEPARTMENT OF HIGHWAYS

(Section 79a of "The Highway Improvement Act" as enacted by Section 7, Chapter 19 O. S. 1939 (S. S. (4) et seq).)

| Municipality | | Procedure File |
|---|---|---|
| Pickering, Township of | Portion of the Township Road between Lots 10 and 11 in the First Concession of the Township of Pickering lying between the northerly limit of the right-of-way of the Toronto-Oshawa Divided Highway and the southerly limit of the Canadian National Railways right-of-way | B- 705 |
| Pickering, Township of | Portion of the Township Road in the Township of Pickering between lots 6 and 7 in the first Concession of the Township lying between the northerly limit of the right-of-way of the Toronto-Oshawa divided highway and the southerly limit of the Canadian National Railway's right-of-way | B- 705 |
| Pickering, Township of | Portion of the Township Road lying between Lots 20 and 21 in the first Concession of the Township of Pickering which is crossed by the new Divided Highway, and the right-of-way of the Canadian National Railway | B-1501 |

## HIGHWAYS (NARROW)

(Section 502 (2) of "The Municipal Act")

| Municipality | | Procedure File |
|---|---|---|
| Fort William, City of | Establishment of a highway over a portion of Lots 18 and 19 Block "Y" and of the original road allowance (Water Street) in front thereof | B-1038 |
| Oshawa, City of | Opening and establishment of a public street—extension of Jackson Street | B-886-a |
| Oshawa, City of | Opening and establishment of a public street—southerly extension of Front Street | B-886-b |
| Toronto, City of | Dedication of certain lands between Boulton Avenue and West Avenue for highway purposes | B- 838 |
| York, Township of | Establishment of highway over Block "A", Registered Plan No. 1628 and all of Lot 44 to be known as Greendale Avenue | B- 916 |

## INCREASED BORROWINGS BY MUNICIPALITIES

(Section 339 (2) of "The Municipal Act")

| Municipality | Amount | Procedure File |
|---|---|---|
| Wellington, County of | 100% | B-1276 |

## LEGISLATION (SPECIAL)

| Municipality | | Procedure File |
|---|---|---|
| East York, Township of | Adoption of the report of the referee appointed by the Board by its Order of September 29th, 1936, to value, adjust and determine all rights and claims, if any, between the respective sewer areas so amalgamated (Section 5 of "The Township of East York Act, 1935") | A-6342 |
| East York, Township of | Application for an Order of the Board directing the date on which its By-law No. 2709 providing for the amalgamation of the several sewer areas in the Township into one area, shall take effect (Section 5, (7) of "The Township of East York Act, 1935") | A-6342 |
| East York, Township of | Approval of By-law No. 3449 amending By-law No. 2474, providing for annual salaries for the Reeve, Deputy Reeve and Members of the Council (Section 2 (2) of "The Township of East York Act, 1933") | B-1168 |
| Fort William, City of | Approval of the vesting in a Trustee to be named by the Board of certain lands in the City described in Section 1 of Special Act (Section 2 of "The City of Fort William Act, 1942") | B-1143 |
| Toronto, City of | Approval of By-law No. 9868, being "A By-law to regulate the erection and provide for the safety of buildings" (Section 3 of "The City of Toronto Act, 1939") | B- 765 |
| Toronto and Suburban Separate School Board | Application by the District Board for the exemption from the operation of Special Act of School Sections Nos. 16 and 1 of the Township of Etobicoke for a period of one year from January 1st, 1942, and for such period thereafter as may be agreed upon between the said Board and the School Sections respectively (Section 9, (b) of "The Toronto and Suburban Separate School Board Act, 1941") | B- 99 |
| York, Township of | Appointment of Referee (Section 7 (3) of "The Township of York Act, 1935)—Extension of time within which report of Kenneth B. Maclaren, K.C., shall be filed to June 1st, 1942 | A-9956 |
| Grimshaw Bros., Ltd., Comfort Homes, Ltd., Monarch Mortgage & Investments, Ltd., A. A. Barthelmes, John J. Mills, Gladys G. Thomas, A. Longo, Jethro Crang, M. C. Vandervoort, W. M. Graham, Louis West, Baker Bros., Ltd., Estate J. W. Walker vs. Township of York. | Application for presentation of Stated Case ("The Township of York Act, 1935") | A-9956 |

## LICENSE FEE

(Section 420 (11) of "The Municipal Act")

| Municipality | | Procedure File |
|---|---|---|
| *Cochrane, Town of | Annual fee of 50c for Bicycle | B- 927 |
| *London, Township of | Annual fee of 25c for Bicycle | B-1062 |
| Port Arthur, City of | Annual fee of 50c for Bicycle | B-1314 |
| St. Thomas, City of | Annual fee of 35c for Bicycle | B-1385 |
| *Tisdale, Township of | Annual fee of 50c for Bicycle | B- 865 |
| Windsor, City of | Annual fee of 50c for Bicycle | B- 926 |

*—Also approved under Section 423 (3) of "The Municipal Act."

## LOCAL IMPROVEMENTS—PART ONLY OF WORK

(Section 18 of "The Municipal Act")

| Municipality | Amending By-law | Original By-law | Procedure File |
|---|---|---|---|
| Ottawa, City of | 9134 | 9047 | B- 197 |
| Ottawa, City of | 9135 | 9056 | B- 455 |
| St. Catharines, City of | 4745 | 4668,<br>4690 &<br>4706 | B- 50<br>B-324 &<br>B- 472 |

## ONTARIO MUNICIPALITIES FUND

(Section 330 of "The Municipal Act" (as re-enacted by O.S. 1941, C. 35, s. 9)

| Municipality | Purpose | Procedure File |
|---|---|---|
| Scarborough, Township of | Approval of the disposal of certain property known as 112 Cornell Avenue in the Township, vested in the Corporation by foreclosure of a mortgage loan thereon of certain clergy reserve funds | B- 925 |
| Scarborough, Township of | Application for distribution at the close of 1942 of moneys on hand in a special Savings Account referred as "The Clergy Reserve Principal Account" in an amount of $4,960.00 to the various Public School Sections within the Township | B-1023 |

## PARKS—SETTING ASIDE PART OF FOR ATHLETIC PURPOSES

(Section 12 (6) of "The Public Parks Act")

| Municipality | | Procedure File |
|---|---|---|
| Fort Erie, Town of | Approval of the setting aside of that part of certain park and athletic lands under the control of the Board of Park Management lying to the north of Gilmore Road and to the East of Central Avenue, for the use of the Fleet Aircraft Social Club | B-1065 |
| Simcoe, Town of | Approval of By-law No. 1038 setting aside a part of "Wellington Park for athletic purposes and the charging of an entrance fee not exceeding 25c for any sports event therein | B-1014 |

## "THE PLANNING AND DEVELOPMENT ACT," "THE LAND TITLES ACT" AND "THE REGISTRY ACT"—PLANS OF LAND SUBDIVISIONS

| Owner | Description | Procedure File |
|---|---|---|
| Anglin, Robert | Part west ½ Farm Lot 22—also referred to as part Lot 30 as shown on Rowan and Moore's Map of the City of Kingston, Co. Frontenac | B-1258 |
| Bertram Realty Co. Ltd. | Part Lots 27 and 28, Con. III, Township of Pickering, County of Ontario | B- 951 |
| Bedford, Thomas | Part Park Lot XII, Registered Plan 37 and Part N. E. ½ of Lot 1, Con. III, Division "G," formerly in Township of Guelph—now in City of Guelph | B- 974 |
| Barner, Glen H. | Part Lot 30, Concession III, Township of Brantford, County of Brant | B-1185 |
| Bates, Frank G. et al | Part Lot 13, Concession II from the Bay, Township of East York, County of York | B-1194 |
| Bertram Realty Co. Ltd. | Part Lot 3, Concession I, Township of Scarborough | B-1597 |
| Coates, G. C. F. et al | Part Block "Q," Registered Plan 1-A, City of Peterborough | B- 854 |
| Campbell, Annie et al | Part Lot 1, Concession IV, Township of Windham, County of Simcoe | B- 866 |
| Card, Jas. H. et al | Part Broken Lot 18, Concession XI, Township of Tine, County of Simcoe | B- 875 |
| Compton, Thomas Herbert | Re-subdivision of Lots 11, 12, 13, 14, 15, 16 and 22 B. F. Concession, Township Saltfleet, County of Wentworth (Fruitland) | B- 887 |
| Cameron, Kenneth E. et al | Part Lot 12, Concession VII, Township of Grantham, County of Lincoln | B- 964 |
| Canadian Pacific Railway | Fort William Terminals—additional Right-of-Way | B-1110 |
| Chambers, Jas. A. and Olive M. | Part Lot 21, Concession VI, Township of Georgina, County of York | B-1230 |
| Cockshutt Plow Co. Ltd. | Part original Township Lot 6, Eagles Nest Tract (cancellation of Lot C, Parts Lots B.E.F. and part of Blossie and Dorothy Streets in Mintern Survey No. 298 and part 10th Avenue Plan 359, City of Brantford | B-1308 |
| Canadian Lines Materials, Ltd. | Block "A" Registered Plan 2898 and parts Lot 27, Concession "B" and part Registered Plan 2442, Township of Scarborough | B-1596 |
| Dignan, H. M. | Part Lots 33 and 34, Concession V, Township of Perry, District of Parry Sound | B- 892 |
| Davies, Robert (Estate of) | Lots 18 to 27 (inclusive) Registered Plan 2967 (York), Township of East York, County of York | B-1150 |
| Darlington, Township of | Closing of Road Allowance between Lots 6 and 7 Concession II | B-1315 |
| East York, Township of | Approval of plan showing closing of parts Arden Avenue, St. Clair Avenue and Woodbine Avenue and location of new road allowance and 100 foot right-of-way to Park lands, Township York, County of York | B-1030 |
| Edgar, David A | Re-subdivision of that part Registered Plan 168 lying west of Francis Street, Village of Portsmouth, County of Frontenac | B-1312 |

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|---|---|---|
| Eastnor, Township of | Approval of plan Lots 38 and 39, Concessions 5 and 6, E. B. R. Township of Eastnor | B-1350 |
| East York, Township of | Approval Plan of Part Lots 11 and 12, Registered Plan 95 York and Part Block "C" R.R.L. 2984 York | B-1376 |
| Emary, Margaret and Rachel | Part Lot 28, Concession VI, Township of St. Vincent, County of Grey | B-1380 |
| Epstein, Louis W. | Block "A", Registered Plan 618 E. and W. Riding County of York, Township Etobicoke, County of York | B-1394 |
| East York, Township of | Re-subdivision Lots 10 to 19 (inclusive) and Part Block "A" Registered Plan 3054, Township East York, County York | B-1588 |
| Fraser, Helene (Estate of) | Part Lot 10, Concession I, west of Yonge Street and part Block "A" Registered Plan 2974 (York) Township North York, County of York | B- 852 |
| Farrell, W. E. | Part Lot 22, Concession 5, Township of Grantham, County of Lincoln | B- 952 |
| Fort William, City of | Approval of plan showing closing of portion of Water Street and Edward Street and Lane north of "Y," Plan 61 | B-1038 |
| Fort William, City of | Additional Right-of-Way of C. P. Railway in Blocks 4, 13 and 20, Registered Plan No. 57, &c., and portions of streets and lanes being closed and new lanes opened in lieu thereof | B-1110 |
| Fort William, City of | Re-subdivision of certain lands described in "The City of Fort William Act, 1942" | B-1580 |
| Fort William Building & Realty Co. Ltd. | Part Park Lots 2 and 3, Town Plot, City of Fort William (Copp Estate property) | B-1128 |
| Harris, William George, Jr. (Estate of) | (National Trust Company, Limited—Executors) Part Lot 5, Range 1, Kingsmill Reserve and 1′ Reserve on the west side of Bodmin Avenue, Plan 2375 York—Township of Etobicoke | B- 903 |
| Homing, Mary A. | Part Lot 16, Concession III, S.D.S. Township of Nelson, County Halton ("Glenwood Park") | B- 907 |
| Jerome Gold Mines Limited | Surface Rights only of part Mining Claim S-32318 Township of Osway, District of Sudbury | B-1021 |
| Johnston, Ina M. et al | Lots 130 and 131 of Original Survey of Town of Kingston (City of Kingston) | B-1040 |
| Jones, Margaret (Estate of) | Part Lot 17, Concession I, Township of Elizabethtown, County Leeds ("The Willows") | B-1169 |
| Johnston, Bruce, et al | Part Park Lots 2, 3, 4 and 5, Lot 13, Concession II, Township of North Monaghan, County Peterborough | B-1392 |
| Kendrick Company, Ltd. | Part Lot 16, Concession II, west of Yonge Street, Township of North York, County of York | B-1529 |
| Loucks, Alex. | Part Broken Lot 8, Concession VI, Township of Leith, District Cochrane, including the southerly 66′ of Lot 7, Concession VI from the east to the west boundaries | B- 890 |
| Longo, Irene | Lot 24, Plan 806, City of Toronto, County York | B- 895 |
| Leedale, (Mrs. Levina) | Part Lot 1, Concession IV, Township of Broder, District of Sudbury | B- 976 |

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|---|---|---|
| Miller, George W. | Part east half of Lot 4, Concession V, Township of McKim, District of Sudbury | B-1032 |
| McKay, Thomas Charles | Lot 9, Registered Plan 460, Township of East York, County of York | B-1029 |
| Nicholls, Albert Kenneth | Part Lot 12, Concession VII, Township of Smith, County of Peterborough | B-1115 |
| Ontario, Province of (Inspector of Legal Offices) | Parts Lots 26 and 27, Concession VI, Township of Vincent, County of Grey | B-1016 |
| Provident Investment Company | Parts Lots 2 and 12, Registered Plan 310 (York), Township East York, County of York | B- 936 |
| Port Arthur, City of | Plan of opening of Gibson Avenue (pursuant to By-law 2477), 66′ in width, immediately north-easterly of and contiguous to north-easterly boundary of Blocks 55 and 45, Plan 121 | B- 962 |
| Pembroke, Town of | Part Registered Plan No. 103, being part Lot 15, Concession I, Township of Pembroke, Town of Pembroke | B-1249 |
| Port Arthur, City of | Part Parcel 243, Port Arthur Freehold in Mining Location "A" Donnelly's Survey, City of Port Arthur | B-1284 |
| Port Arthur, City of | Amendment to existing Plan No. 121—portion of Lot 15, Block 2 (widening of Lane from Argyle Street to Ruttan Street) | B-1415 |
| Peel Construction Co., Ltd. | Part east half of Lot 5, Concession I, E.H.S., Township Chinguacousy (now in the Town of Brampton) | B-1436 |
| Palmer, E. A. | Part Lots 26 and 27, Concession XXVIII, Township North Himsworth, District of Parry Sound | B-1470 |
| Ross, D. K., et al | Part Lot 19, Concession I, Township of Grantham, County of Lincoln | B- 953 |
| Richmond, Ursula | Part Lots 8 and 9, Concession III, Township of Gwillimbury, County of York | B- 973 |
| Ridgway, Gertrude E. et al | Part Lots 22 and 21, Concessions II and III, and Part Road Allowance between Concessions II and III, Township Saltfleet, County of Wentworth | B-1027 |
| Richardson, Maxwell T. | Approval Plan of Part of west 120 acres of Lot 6, Concession 9, Township of Asphodel, County of Peterborough | B-1377 |
| Smith, Amelia M. | Part Farm Lot 6, B. F. Concession, Township of Tilbury North, County of Essex | B- 880 |
| Summerhayes Lumber & Construction Co. | Lots A, B, C, D, E, F, P, Q, 8, 9 and 10, Shenstone and Griffiths Survey, Registered Plan No. 34, Township of Brantford, County of Brant | B- 970 |
| Swastika Beach Ltd. | Approval Barber's Beach Survey, being subdivision No. 3 of Part North part Lot 2, Concession I, and small strip of land in Lot 1, Concession I, east of line fence, Township of Puslinch | B- 998 |
| Schwartz, G. Bryant | Part Registered Plan 1899, Township of North York, County York (Amendment) | B-1020 |
| Scarborough, Township of | Re-division of Lots 14 to 39, 41 to 54, 59 to 72, and 8 to 86 and 1′ Reserve: also Paterson and Haig Avenues and parts McLean and Harris Avenue Registered Plan 2224 Township of Scarborough (Reversion of sub-division to Block "A") | B-1054 |

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|---|---|---|
| Scarborough, Township of | Re-division of Part Registered Plan 2442 (bordered on north by St. Clair Avenue on north-west by Danforth Avenue on west by Kennedy Road, on south by south boundary of Block "G" and south-east by Right-of-way of C. N. Railway and on west by west limit of Registered Plan 2898 Township of Scarborough, County of York | B-1055 |
| Shilton, John (Estate of) | Part Mining Claim R. J. 10, Township of Drayton (unorganized), District of Kenora | B-1061 |
| Sager, Estate of Dr. D. S. | Lot A, Plan 459, Township of Brantford, County of Brant | B-1087 |
| Sibbitt, C. Edgar | Surface Rights only of Mining Claims G. G. 6063, 6064 and 6065, Township of Tyrrell, District of Temiskaming | B-1129 |
| Sanssi, Toivo | Part Lot 14, Registered Plan 745 (Port Arthur) in Lot 13, Concession II, Township of Nipigon, District of Thunder Bay | B-1243 |
| Synod (Incorporated) of the Diocese of Toronto | Part Lot 4, Registered Plan 310 (York), Township of East York, County of York | B-1525 |
| Smith, Nelson Noel (Estate of) | Lot 15, Concession IV, Township of Neebing N. R. District of Thunder Bay | B-1560 |
| Taylor Estates, Limited | Part Lot 10, Concession II, from the Bay, Township of East York, County of York | B-1116 |
| Toronto Elevators, Limited | Part Lot 17, South side Richmond Street, Town of York, Plan, Toronto | B-1291 |
| Toronto, City of | Re-subdivision of parts Registered Plans 515 and E. 369, and parts Lots 10 and 11 south side Richmond Street west, Town of York Plan, City of Toronto | B-1297 |
| Toronto, City of | Lots 29 to 33 (inclusive) Registered Plan E 335, Toronto Island | B-1298 |
| Toronto, Incorporated Synod of Diocese of | Part Lot IV, Registered Plan 310 (York), Township of East York, County of York | B-1344 |
| Turnbull, Norman | Parts Lots 28 and 29, L.R.W. Concession, Township of Hay, County of Huron | B-1430 |
| Toronto, City of | Parts Lots 6, 7 and 9, Registered Plan D-141, Toronto Island | B-1490 |
| Tecumseh Land Company, Limited | Part Farm Lot 13, Broken Front Concession C, Township of Mersea, County of Essex | B-1547 |
| United Towing & Salvage Co., Ltd. | Lots 6 and 7, Registered Plan 109, City of Port Arthur, District of Thunder Bay | B-1294 |
| Welch, John et al | Part Lots 3 and I, Pocock Plan No. 74, Township of Grantham, County of Lincoln | B-1037 |
| Wagner, John | Part Lot 6, Concession 1, Township of McKim, District of Sudbury, being part parcel No. 8235, Sudbury, East Section | B-1338 |
| Williamson, H. L. | East Part Lot E, Whitefish River Indian Reserve, District of Sudbury | B-1402 |
| Westlake, Chas. H. | Parts Lot 7, Concessions V and VI, Township of Smith, County of Peterborough | B-1408 |
| York Land Company, Limited | Parts Registered Plans 1925, 2598 and 2636 (York) Town of Leaside (E. and W. Ridings, County of York) | B-1587-a |
| York Land Company, Limited | Parts Registered Plans 1908 and 2636 (York) Town of Leaside (E. and W. Ridings, County of York) | B-1587-b |

## RAILWAYS (PROVINCIAL)—ORDERS ISSUED BY THE BOARD RESPECTING

| | | |
|---|---|---|
| Hamilton Street Railway, | Appointment of Erle French at present Inspector, for the Company as Examiner of Motormen | B-1508 |
| Sudbury-Copper Cliff Suburban Electric Railway Company | Approval of its By-law No. 18, authorising R. R. Jessup, Secretary-Treasurer of the Company to prepare and issue its Tariff of Tolls | B-1236-a |
| Sudbury-Copper Cliff Suburban Electric Railway Company | Approval of its By-law No. 19 containing Rules and Regulations of the Company (including the appointment of the Inspector of the Company as an Examiner of motormen) | B-1236-b |
| Toronto Transportation Commission | Approval of the proposed emergency support for Life Guards on its street cars, other than P. C. C. Cars | B-1357 |

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## RESTRICTED AREAS—ESTABLISHMENT OF

(Section 406 of "The Municipal Act" as re-enacted by O. S. 1941, C. 35, s. 13)

| Municipality | By-law No. | Area Restricted | Procedure File |
|---|---|---|---|
| Beamsville Village of | 611 | Covering building restrictions covering the entire Village | B- 727 |
| Forest Hill, Village of | 1504 | Forest Ridge Drive | B- 860 |
| Korah, Township of | 429 | Wilding Park and other sub-divisions (as amended by By-law No. 429-A) | B-1058 |
| Kingston, City of | 184 | Establishment of "Use" Zones (as amended by By-law 197) | B- 836 |
| North York, Twp. of | 3000 | "Bathurst-Dufferin" Area | B- 55 |
| North York, Twp. of | 3025 | Entire Township—limiting floor space of all buildings to be erected (as replaced by 3125 as amended by 3230) | B- 570 |
| Ottawa, City of | 9117 | Prohibiting the use of land and the erection or use of buildings for certain purposes within a certain area in Capital Ward | B- 862 |
| Port Credit, Village of | 446 | Area bounded by Toronto Street-Corporation limits, Lake Ontario and south-westerly limit of Lots fronting Cumberland Drive | B- 751 |
| St. Catharines, City of | 4725 | Land and buildings on John Street | B- 796 |
| St. Catharines, City of | 4768 | Land and buildings on St. Patrick Street from McGhie Street to Kernahan Street | B-1159 |
| St. Catharines, City of | 4778 | Land and Buildings on Russell Avenue on the south side from George Street to Henry Street to the westerly limit of Henry Street produced | B-1220 |
| Tarentorous, Twp. of | 426 | Building restrictions on Lots 5 and 6 of the original Township of St. Mary's and which lots include as portions thereof the sub-divisions of Highland Park, Grandview, Oakbine Park and Chapman | B- 726 |
| Thorold, Town of | 1499 | Zoning of Municipality | B-1198 |
| Toronto, City of | 15011 | Detached private residences only—land and buildings on either side of High Park Gardens (as amended by By-law 15847) | A-7998 |

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|---|---|---|---|
| Toronto, City of | 15654 | Land abutting either side of Deloraine Avenue, between Yonge Street and the west City limits (as amended by By-law 15693) | B- 603 |
| Toronto, City of | 15675 | Prohibiting the use of land and the erection and use of buildings on land abutting on either side of Yonge Street between Bloor Street and Carlton Street for laundries and other purposes (as amended by By-law No. 15832) | B- 808 |
| Toronto, City of | 15681 | Residential purposes only land abutting on either side of Farnham Avenue (as amended by No. 15736 as amended by Bylaw 15748) | B- 810 |
| Toronto, City of | 15709 | Residential purposes only land abutting either side of Sheldrake Boulevard east of Mount Pleasant Road | B- 950 |
| Toronto, City of | 15716 | Erection of dwelling houses on lands on either side of Lyndhurst Avenue having a lesser frontage than forty feet | B- 961 |
| Toronto, City of | 15723 | Private residential purposes—lands and buildings on either side of Manor Road East between the rear of the properties fronting on the east side of Yonge Street and the rear of the properties fronting on the west side of Bayview Avenue | B-1048 |
| Toronto, City of | 15744 | Private residential purposes only lands and buildings on a portion of Macaulay Avenue | B-1083 |
| Toronto, City of | 15756 | Use of lands or the erection or use of buildings on the north side of Merton Street between Pailton Crescent and Mount Pleasant Road prohibited for the purpose of housing or storing a commercial vehicle | B-1160 |
| Toronto, City of | 15759 | Establishing a building line on the west side of Rusholme Road between Bloor Street and Dewson Street | B-1162 |
| Toronto, City of | 15769 | Use for private residential purposes lands and buildings on either side of Markham Street between College Street and Bloor Street | B-1210 |
| Toronto, City of | 15775 | Establishing a building line on the west side of Rusholme Road between College Street and Dewson Street | B-1211 |
| Vaughan, Township of | 1526 | Placing restrictions on Township Lots 26, 27, 28 and 39 and 30 in First Concession of the Township | B-1156 |
| Waterloo, Township of | 470A | Restricting the use of land and erection of buildings within certain area of the Township | A-7844 |
| Weston, Town of | 1028 | Prohibiting the use of land within the Town for trailers being used for human habitation | B-1052 |
| Windsor, City of | 376 | Area bounded by Canadian Pacific Railway, the alley next west of Parkwood Avenue, the alley next east of Byng Road, and the alley next south of Tecumseh Boulevard | B-1319 |
| York, Township of | 12056 | Certain highways in the district known as Baby Point | B- 476 |

## RESTRICTED AREAS—REPEAL OR AMENDMENT OF

(Section 406 of "The Municipal Act" as re-enacted by Section 13, Chapter 35, O.S. 1941)

| Municipality | Amending By-law No. | Original By-law No. | Areas Affected | Procedure File |
|---|---|---|---|---|
| Brantford, City of | 2821 | 1877 & 2051 | Exemption from the operation of the said By-law of certain lands between Wellington and Nelson Streets and immediately west of Market Street | B- 538 |
| Dundas, Town of | 1240 | 1251 | Certain defined area in Town of Dundas | B- 776 |
| East York, Township of | 3273 | 1243 | Division of Township into Industrial, Business and Residential areas | B- 51 |
| Etobicoke, Township of | 6348 | 6315 | Width of certain lots | B- 785 |
| Etobicoke, Township of | 6335 | 6234 | Building Restrictions, Zone 6 | B-1173 |
| Etobicoke, Township of | 6346 | 6234 | Building Restrictions, Zone 6 | B-1174 |
| Forest Hill, Village of | 1496 | 929 | Restrictions on Lots B, 20, 21 and westerly 20 feet of Lot 22, Plan M70—Lonsdale Road | B- 826 |
| Kitchener, City of | 2772 (as amended by 2817) | 1823, 1934 & 1835 | Amendment of Zoning Ordinance By-laws | B- 242 |
| Ottawa, City of | 9131 | 6839 | Holland Ave. between Wellington and Byron Streets | B-1000 |
| Ottawa, City of | 9161 | 6237 | Erection of Double Dwelling, cor. Wellington St. and Ossington Avenue | B-1107 |
| Ottawa, City of | 9167 | 7604 | Lots 3 and 4 (e. s. Chapel St.) Reg. Plan 37220 | B-1176 |
| Port Arthur, City of | 2490 | 2253 | Area adjacent to Mental Hospital | B-1257 |
| St. Catharines, City of | 4747 | 3499a, 4203 & 4713 | Part of Geneva Street | B- 769 |
| St. Clair Beach, Village of | 193 | 188 | St. Clair Road (Building line) | B-1370 |
| Swansea, Village of | 903 | 878 | Lot 3 Block "L" Plan 551 | B-1386 |
| Sudbury, City of | 2251 | 553, 1124 & 1132 | Removing Building Restrictions on Cedar Street from the east side of Lisgar Street to the west side of Young Street | B- 846 |
| Sudbury, City of | 2253 | 553, 1124 & 1132 | Removing Building Restrictions on Larch Street from the east side of Lisgar Street to Junction Creek | B- 847 |

| | | | | |
|---|---|---|---|---|
| Toronto, City of | 15576 | 7734 & 7989 | East side of Mount Pleasant Road between Merton Street and Balliol Street | B- 160 |
| Toronto, City of | 15667 | 11986 | Three family Dwelling Houses on either side of Palmerston Avenue between Harbord and Ulster Streets | B- 764 |
| Toronto, City of | 15680 | 6061 | Three Family Apartment Houses on Balsam Avenue between Hubbard Boulevard and Queen Street | B- 809 |
| Toronto, City of | 15692 | 4469 | Erection of Stores on the north side of Bloor Street, between Avenue Road and Bedford Road | B- 881 |
| Toronto, City of | 15698 | 6061 | Three Family Apartment Houses on either side of Glendale Avenue between Queen Street and Parkdale Road | B- 915 |
| Toronto, City of | 15706 | 11952 | Three Family Apartment Houses, Huron Street, between Bernard Avenue and Dupont Street | B- 957 |
| Toronto, City of | 15714 | 15406 | Two Family Dwelling Houses on either side of Leslie Street, between Gerrard Street and Doel Avenue | B- 960 |
| Toronto, City of | 15721 | 6061 | Three Family Dwelling Houses on either side of Albany Avenue, between Barton Avenue and Wells Street | B- 980 |
| Toronto, City of | 15724 | 15605 | Erection of Minor Additions at the rear of any existing dwelling house on either side of Palmerston Avenue, between Lennox and Herrick Streets, proposed to be converted into a Three-family Apartment House | B-1049 |
| Toronto, City of | 15742 | 14780 | Three Family Dwelling Houses on the east side of Castle Knock Road between Eglinton Avenue and Burnaby Boulevard | B-1081 |
| Toronto, City of | 15743 | 11356 | Variation of Building Line Restrictions on the west side of Mount Pleasant Road between Roslin Avenue and Glen Forest Road | B-1082 |
| Toronto, City of | 15745 | 6061 | Three Family Apartment Houses on either side of Madison Avenue, between Bloor Street and Lowther Avenue | B-1120 |
| Toronto, City of | 15746 | 11356 | Variation of Building Line on the north side of Broadway Avenue, between Mount Pleasant Road and the east limit of of Lot 2, Plan No. 734-E | B-1121 |
| Toronto, City of | 15757 | 11572 | Combined residence and office of duly qualified medical practitioner on St. Edmunds Drive | B-1161 |
| Toronto, City of | 15760 | 7989 | Erection of Gasoline Service Station on Harbord Street, between Manning and Euclid Avenues | B-1163 |

| | | | | |
|---|---|---|---|---|
| Toronto, City of | 15765 | 9161 | Use of land for manufacturing purpose on the west side of Emerson Avenue between Royce Avenue and the C. P. R. right-of-way | B-1208 |
| Toronto, City of | 15768 | 11862 | Three Family Apartment Houses on the east side of Castle Knock Road, between Eglinton Avenue and Burnaby Boulevard | B-1209 |
| Toronto, City of | 15776 | 11957 | Three Family Apartment Houses on either side of Spadina Road, between Bernard Avenue and Dupont Street | B-1212 |
| Toronto, City of | 15785 | 11986 | Three Family Apartment Houses on either side of Palmerston Avenue, between Harbord and Herrick Streets | B-1213 |
| Toronto, City of | 15786 | 9874 | Two Family Apartment Houses on either side of Walmer Road between Kendall and Bernard Avenues | B-1214 |
| Toronto, City of | 15788 | 7658, 7989 & 12604 | Erection of Warehouse in connection with a Builders' Supply Yard on east side of Lascelles Boulevard between the rear of the lots fronting on the north side of Gormley Avenue and the Old Belt Line Railway | B-1215 |
| Toronto, City of | 15790 | 7734 | Erection or use of Buildings for Concrete Block-making Plant on the south side of Merton Street, between Yonge Street and a point 530 feet east | B-1216 |
| Toronto, City of | 15791 | 14236 | Use of lands and erection of buildings for manufacture of Dies and Tools on the north side of Brandon Avenue, between Primrose and St. Clarens Avenues | B-1217 |
| Toronto, City of | 15800 | 4559 | Use of land and buildings for light Manufacturing Purposes on a portion of the north side of Irwin Avenue west of St. Nicholas Street | B-1390 |
| Toronto, City of | 15819 | 6061 | Three Family Apartment Houses on the north side of Simpson Avenue, between Broadview Avenue to 400′ farther east | B-1459 |
| Toronto, City of | 15818 | 6061 | Three Family Apartment Houses on Boustead Avenue, between Indian Road and Roncesvalles Avenue | B-1460 |
| Toronto, City of | 15824 | 6061 | Three Family Apartment Houses on the west side of Jarvis Street, between Carlton and Maitland Streets | B-1497 |
| York, Township of | 12187 | 11780 | Erection or use of an addition to a Gasoline and Oil Filling Station on the west half of Lot 40 on the south side of Vaughan Road, according to Plan M-316 | B-1381 |

## SINKING FUND—USE OF SURPLUS AND AUTHORITY TO DISPENSE WITH FURTHER LEVY FOR, WHERE AMOUNT IN SINKING FUND SUFFICIENT

(Section 321 (a) and (b) of "The Municipal Amendment Act, 1939)

| Municipality | | Procedure File |
|---|---|---|
| Peterborough, City of | Debts created by By-laws Nos. 1871, 1836, 2519 1822, 1885, 2515 and 2516 | B-1400 |

## SUPERVISED MUNICIPALITIES—SUPERVISION

(Part III of "The Department of Municipal Affairs Act")

| | | |
|---|---|---|
| Haileybury, Town of | | B-1084 |
| Ottawa, City of | (Trustees for the Roman Catholic Separate Schools) | B-1295 |

## SUPERVISED MUNICIPALITIES—REFUNDING PLANS

("The Department of Municipal Affairs Act")

| | |
|---|---|
| Direction for payment of certain moneys to cover Indebtedness of the Windsor, Essex and Lake Shore Electric Railway Association to the Bank of Montreal and the Canadian Bank of Commerce by the City of Windsor, Town of Leamington, Town of Kingsville, Township of Gosfield North, Township of Gosfield South, Township of Sandwich South, Town of Essex, Township of Sandwich West and Township of Sandwich East | B- 827 |
| Town of Eastview Refunding Plan—approval of | B-1435 |

## TAX RATE—APPROVAL OF FURTHER DEBT AND LEVIES TO BE MADE WHERE TAX RATE IS TOO HIGH

(Section 315 (2) of "The Municipal Act")

| Municipality | Purpose | Amount | Procedure File |
|---|---|---|---|
| Napanee, Town of | Purchase of new Fire Truck and Equipment | $4,200.00 | B- 350 |

## ORDERS ISSUED BY THE BOARD UNDER "THE TELEPHONE ACT"

(R. S. O. 1937, Chapter 261)

| | | Procedure File |
|---|---|---|
| Adelaide Telephone Company, Ltd. | Approval of sale to Delmar Gregory Wadsworth | B-1445 |
| Adelaide, Township of | See Falkirk Telephone System | |
| Admaston Rural Telephone Co., Ltd. | Approval of Telephone Tolls | B- 934 |
| Adolphustown Rural Telephone System | Approval of transfer to Josephine Ballantyne of plant and equipment of | B-1233 |
| Alnwich Rural Telephone Co., Ltd. | Approval of Telephone Tolls | B- 955 |
| Ballantyne, Josephine | Transfer to of plant and equipment of Adolphustown Rural Telephone System | B-1233 |
| Bruce, Commissioners for Telephone System of Tp. | Approval of date of annual meeting of Bruce Municipal Telephone System | B- 891 |
| Bruce, Commissioners for Telephone System of Tp. of | Authority to invest an amount not exceeding $10,000.00 of Depreciation Funds of Telephone System in Dominion of Canada Second Victory Loan | B- 937 |
| Bruce, Commissioners for Telephone System of Tp. of | Authority to invest $5,000.00 of Depreciation Funds in Dominion of Canada Third Victory Loan | B-1517 |
| Cambray Telephone Co., Ltd. | Approval of increase in annual charge to shareholders | B- 978 |
| Capreol Telephone Co., Ltd. | Approval of By-law No. 35 | B-1188 |
| Caradoc Ekfrid Telephone Co., Ltd. | Authority to invest $500.00 of Depreciation Funds in Bonds of the Dominion of Canada Second Victory Loan | B- 997 |
| Clarendon Telephone Company, Ltd. | Application of Robert H. Francis for approval of sale of plant and equipment of, to John Glenn | B- 870 |
| Clavering Telephone Company, Ltd. | Approval of By-law No. 25 | B-1238 |
| Cobden Rural Telephone Company, Ltd. | Approval of By-laws governing the control and management of the affairs of the Company | B-1583 |
| Colborne, Township of | Approval of appointment of Keith Gardner as Commissioner for Colborne Municipal Toronto System | B- 996 |
| Colchester, North, Township of — Commissioners for Telephone System of | Approval By-laws Nos. 3 and 4 | B-1451 |
| Coldwater, Village of, operating Coldwater Municipal Telephone System | Authority to invest an amount of $1,000.00 of Depreciation Funds on Dominion of Canada Third Victory Loan | B-1502 |
| Cumberland, Commissioner for Telephone System of Municipality of Tp. of | Order prescribing date for holding annual meeting of System | B- 895 |
| Cumberland, Commissioners for Telephone System of Municipality of Tp. of | Approval of increase in annual charge for telephone service | B-1033 |
| Douro, Tp. of Commissioners for Telephone System of | Increase in annual charge for telephone service | B-1371 |

| | | |
|---|---|---|
| Dummer, Township of | Authority to invest $500.00 of Depreciation Fund of Dummer Municipal Telephone System in Dominion of Canada Second Victory Loan | B- 940 |
| Dummer, Tp. of Commissioners for Telephone System of | Approval of By-laws Nos. 1 and 2 of Dummer Municipal Telephone System | B-1584 |
| Dunsford Telephone, Light & Power Co-Operative Association, Ltd. | Authority to invest $500.00 of Depreciation Funds in Dominion of Canada Second Victory Loan | B- 924 |
| Dunnville Consolidated Telephone Co., Ltd. | Expenditure of portion of Depreciation Reserve upon new construction, extensions and addition to system of | B-1098 |
| East Middlesex Telephone Company, Ltd. | Authority to invest $200.00 of Depreciation Funds on Dominion of Canada Third Victory Loan | B-1500 |
| Emily, Tp. of Commissioners for Telephone System | Approval of By-laws Nos. 1, 2 and 3 of The Emily Municipal Telephone System | B-1556 |
| Emo, Tp. of Commissioners for Telephone System | Approval of date for holding Annual Meeting of Subscribers of | B-1115 |
| Emo, Tp. of Commissioners for Telephone System | Approval of increase in annual charge for telephone service | B-1346 |
| East Nissouri, Township of | Approval of By-law No. 282 | B-1340 |
| East Williams, Township of | Approval By-law No. 8—1942—use of highways to Falkirk Telephone System | B-1453 |
| Falkirk Telephone Co., Ltd. | Approval of sale of undertaking of to Delmar Gregory Wadsworth and approval of its By-law No. 2 | B-1444 |
| Falkirk Telephone Co., Ltd. (Delmar G. Wadsworth) | Approval By-law No. 8, 1942, of Township of East Williams—use of highways | B-1453 |
| Falkirk Telephone Co., Ltd. (Delmar G. Wadsworth) | Approval By-law No. 438, Tp. of Adelaide—use of highways | B-1454 |
| Falkirk Telephone Co., Ltd. (Delmar G. Wadsworth) | Approval By-law No. 820, Township of Lobo—use of highways | B-1455 |
| Falkirk Telephone Co., Ltd. (Delmar G. Wadsworth) | Approval By-law No. 167 of Township of Metcalfe —use of highways | B-1456 |
| Falkirk Telephone Co., Ltd. (Delmar G. Wadsworth) | Approval By-law No. 1244 of Township of London —use of highways | B-1457 |
| Francis, Robert H. | Sale of plant and equipment comprising Clarendon Telephone Co. to John Glenn | B- 870 |
| Glenn, John | Approval of sale to of plant and equipment of Clarendon Telephone Co. by R. H. Francis | B- 870 |
| Goderich Rural Telephone Company, Ltd. | Approval of By-law No. 1, 1942 | B-1148 |
| Goderich Rural Telephone Company, Ltd. | Authority to invest $2,000.00 of Depreciation Funds on Dominion of Canada Second Victory Loan | B-1204 |
| Gore Bay, Town of, operating Gore Bay Municipal Telephone System | Authority to invest $500.00 of Depreciation Funds in Dominion of Canada Third Victory Loan | B-1552 |
| Gosfield North, Tp. of, operating Gosfield North Municipal Telephone System | Authority to invest $650.00 of Depreciation Funds in Dominion of Canada Third Victory Loan | B-1503 |
| Halton Telephone Company, Ltd. | Authority to invest $1,000.00 of Depreciation Funds in Dominion of Canada Third Victory Loan | B-1524 |

| | | |
|---|---|---|
| Hilliard, Township of | Approval of sale of Hilliard Municipal Telephone System to the Northern Telephone Co., Ltd.—authority to dispense with a vote of electors in regard thereto and approval of Township's By-law No.306 | B-1262 |
| Hedegard, C. R. | See Lambton Telephone Company | |
| Hopetown Telephone Company, Ltd. | Authority to invest $300.00 of Depreciation Funds on Dominion of Canada, Second Victory Loan | B- 900 |
| Howick, Township of, Commissioners for telephone system of | Approval of appointment of Carol Gregg as Commissioner to fill vacancy left by death of Charles Harris | B-1475 |
| Innerkip Rural Telephone Company, Ltd. | Authority to invest $500.00 of Depreciation Funds in Dominion of Canada Second Victory Loan | B- 939 |
| Ingersoll Telephone Company, Ltd. | Authority to expend portion of Depreciation Reserve upon new construction and extensions and additions to system | B-1241 |
| Innisfil Telephone Company, Ltd. | Authority to invest $1,500.00 of Depreciation Funds in Dominion of Canada Second Victory Loan | B- 901 |
| Ivy-Thornton Telephone Company, Ltd. | Authority to invest $500.00 of Depreciation Funds in Dominion of Canada Second Victory Loan | B- 919 |
| Laird, Tp. of, Commissioners for Telephone System of | Approval of By-laws Nos. 1 and 2 of the Laird Municipal Telephone System | B-1594 |
| Lambton Telephone Company, Ltd. | Approval of sale of undertaking to Clarence R. Hedegard and approval of its By-law No. 5 | B-1237 |
| Lambton Telephone Company, Ltd. | (C. R. Hedegard, Proprietor) Approval of Rates | B-1289 |
| Little Britain Telephone Company, Ltd. | Authority to invest $2,500.00 of Depreciation Funds in Dominion of Canada Second Victory Loan | B-1234 |
| Little Britain Telephone Company, Ltd. | Authority to invest $500.00 of Depreciation Funds in Dominion of Canada Third Victory Loan | B-1592 |
| Lobo, Township of | See Falkirk Telephone System | |
| London, Township of | See Falkirk Telephone System | |
| Magnetawan, Village of — Commissioners for Telephone System of | Approval of By-laws Nos. 1 and 2, 1942, of Magnetawan Mnuicipal Telephone System | B-1582 |
| Manvers, Tp. of—Commissioners for Telephone System of | Approval of Bylaws Nos. 5 and 6 of the Manvers Municipal Telephone System | B-1595 |
| Mersea, Tp. of—Commissioners for Telephone System of | Approval of By-laws Nos. 1 and 2 of the Mersea Municipal Telephone System | B-1579 |
| Metcalfe, Township | See Falkirk Telephone System | |
| Millbrook Rural Telephone Company, Ltd. | Approval of sale and transfer to in books of Company of 126 paid-up shares, representing controlling interest in, to E. T. Downs | B- 851 |
| Mono Mills Telephone Company, Ltd. | Authority to invest $500.00 of Depreciation Funds in Dominion of Canada Second Victory Loan | B- 945 |
| Moore, Tp. of — Commissioners for Telephone System of | Approval of reduction in annual charges for service of Moore Municipal Telephone System | B-1242 |

| | | |
|---|---|---|
| Moore, Township of | Approval of appointment of Thomas E. Poland as Commissioner of Moore Municipal Telephone System to fill vacancy caused by death of D. M. Johnston | B-1495 |
| Morley, Tp. of—Commissioners for telephone system of | Approval of certain annual charges of Morley Municipal Telephone System for service | B- 931 |
| McGillivray, Township of | See Falkirk Telephone System | |
| McKillop, Tp. of—Commissioners for telephone system of | Approval of By-laws Numbers 1 and 2 of McKillop Municipal Telephone System | B-1591 |
| Northern Telephone Company, Ltd. | Approval of sale to of Hilliard Municipal Telephone System | B-1262 |
| Northern Telephone Company, Ltd. | Authority to expend a portion of Depreciation Reserve on new construction, extensions and additions to system | B- 923 |
| Oakwood Telephone Company, Ltd. | Approval of By-laws Nos. 3 and 4—control and management of affairs of Company | B-1586 |
| Otonabee, Tp. of—Commissioners for telephone system of | Application for Order prescribing the date for holding the annual meeting of subscribers of Otonabee Municipal Telephone System | B- 984 |
| Percy, Tp. of — operating Percy Municipal Telephone System | Authority to invest $1,000.00 of Depreciation Funds on Bonds of Dominion of Canada Second Victory Loan | B- 902 |
| Red Lake Telephone Company, Ltd. | Approval of By-laws governing the control and management of affairs of company | B-1421 |
| Rockwood & Oustic Telephone Company, Ltd. | Authority to invest $200.00 of Depreciation Funds in Dominion of Canada Second Victory Loan | B- 949 |
| Sandwich South, Tp. of — Commissioners for telephone system of | Approval of date for holding annual meeting of subscribers of Sandwich South Municipal Telephone System | B-1034 |
| St. Joseph, Twp. of — Commissioners for telephone system of | Approval of increase in annual charge for service of St. Joseph Municipal Telephone System | B-1288 |
| St. Vincent, Tp. of — Commissioners for telephone system of | Approval of By-laws Numbers 1 and 2 of St. Vincent Municipal Telephone System | B-1557 |
| Schomberg Telephone Company, Ltd. | Authority to invest $1,000.00 of Depreciation Funds in Dominion of Canada Second Victory Loan | B- 938 |
| Schomberg Telephone Company, Ltd. | Authority to invest $1,000.00 of Depreciation Funds in Dominion of Canada Third Victory Loan | B-1493 |
| Sioux Lookout Telephone Company, Ltd. | Authority to invest $1,000.00 of Depreciation Funds in Dominion of Canada Second Victory Loan | B- 921 |
| Sioux Lookout Telephone Company, Ltd. | Authority to invest $800.00 of Depreciation Funds in Dominion of Canada Third Victory Loan | B-1468 |
| South Bruce Rural Telephone Company, Ltd. | Authority to invest $2,000.00 of Depreciation Funds in Dominion of Canada Second Victory Loan | B- 933 |
| Sparta Telephone Company, Ltd. | Authority of invest $500.00 of Depreciation Funds in Dominion of Canada Second Victory Loan | B-1280 |

| | | |
|---|---|---|
| Tilbury East, Tp. of—Commissioners for telephone system of | Approval of telephone tolls of Tilbury East Municipal Telephone System | B- 992 |
| Tiny, Tp. of—Commissioners for telephone system of | Approval of telephone tolls of Tiny Municipal Telephone System | B-1031 |
| Vespra, Tp. of — Commissioners for telephone system of | Approval of increase in annual charges for service of Vespra Municipal Telephone System | B-1375 |
| Wadsworth, Delmar Gregory | See Falkirk Telephone Company, Limited | |
| Welland County Telephone Company, Ltd. | Authority to expend portion of depreciation reserve upon new construction, extensions and additions to its system | B-1358 |
| Widdifield, Tp. of — Commissioners for telephone system of | Approval of By-laws Numbers 1 and 2 of the Widdifield Municipal Telephone System | B- 879 |
| Widdifield, Tp. of — Commissioners for telephone system of | Approval of date for holding annual meeting of subscribers of the Widdifield Municipal Telephone System | B-1010 |
| Widdifield, Tp. of — Commissioners for telephone system of | Approval of increase in annual charges for service of Widdifield Municipal Telephone System | B-1290 |
| Yarmouth Rural Telephone Company, Ltd. | Authority to invest $1,000.00 of Depreciation Funds in Dominion of Canada, Second Victory Loan | B- 943 |

## AGREEMENTS APPROVED BY THE BOARD UNDER SECTION 96 OF "THE TELEPHONE ACT" (R. S. O. 1937, Chapter 261)

(Agreements are with The Bell Telephone Company of Canada)

### TRAFFIC AGREEMENTS

| | Procedure File |
|---|---|
| Docon Telephones, Limited | B-1060 |
| Hedegard, Clarence Raymond (operating Lambton Telephone Company) | B-1504 |

# THE FOLLOWING GIVES A BRIEF SUMMARY OF THE EXTENSIONS AND IMPROVEMENTS MADE TO THE RAILWAYS UNDER PROVINCIAL JURISDICTION DURING THE YEAR 1942

## CORNWALL STREET RAILWAY LIGHT AND POWER COMPANY, LIMITED

This Company reports an extension of 1720 feet to its track at a cost of $19,892.48 and also reports an expenditure of $34,848.09 upon additions to railway, equipment, land and buildings and other additions to permanent property (including track extensions) during the year 1942.

## FORT WILLIAM ELECTRIC RAILWAY

This company made no extensions to track during the year 1942.

They also report no expenditure upon track improvements, rolling stock, buildings, etc., during this period.

## HAMILTON STREET RAILWAY

This Company reports no expenditure upon track improvements or extensions, but made an expenditure of $224,037.00 upon the purchase of additional motor buses.

## HUNTSVILLE AND LAKE OF BAYS RAILWAY

During the year 1942, this Company reports no extensions to its track or expenditure on improvements, etc., to track equipment, land and buildings.

## KITCHENER-WATERLOO AND KITCHENER-BRIDGEPORT RAILWAYS

This Company reports no extensions to track during the year 1941.

They report an expenditure of $2,115.00 upon buildings.

## MATTAGAMI RAILWAY

During the year 1942 this Company made no extensions to its track or expenditure on improvements, &c., to track, equipment, land and buildings.

## MOUNT McKAY AND KAKABEKA FALLS COMPANY

This Company reports no extensions to track or expenditure on equipment, etc., during the year 1942.

## NIAGARA PENINSULA RAILWAY

This Company reports no extensions to track or expenditure on equipment, etc., during the year 1942.

## PORT ARTHUR CIVIC RAILWAY

No expenditure upon extensions to track or purchase of equipment, etc., is reported during the year, 1942.

## SANDWICH, WINDSOR AND AMHERSTBURG RAILWAY

During the year 1942 this railway reports an expenditure of $317,872.63 for the purchase of 41 additional buses and other equipment.

## SUDBURY-COPPER CLIFF SUBURBAN ELECTRIC RAILWAY

During the year 1942 this Company made no extensions to track, but report an expenditure of $18,473.27 for the purchase of four additional cars.

## TEMISKAMING AND NORTHERN ONTARIO RAILWAY

This railway reports no extension of track during the year 1942.

They, however, report an expenditure of $149,032.22 upon track improvements, overhead structure, during this period.

## THURLOW RAILWAY

The Canada Cement Company, Montreal, report that during the year 1942 no extensions were made to the track of the above railway and no expenditures made on improvements, etc.

## TILLSON SPUR LINE RAILWAY

This Company reports no extensions of track or expenditure upon improvements, etc., during the year 1942.

## TORONTO TRANSPORTATION COMMISSION

The Commission reports that during the year 1942 they made an expenditure of $188,057.97 on the betterment of the railway.

They also report an expenditure of $2,101,143.11 on additions to equipment, land and buildings and other permanent property.

## NORTH YONGE RAILWAYS AND TOWNSHIP OF YORK AND WESTON RAILWAYS

The Toronto Transportation Commission which operates these railways, reports that during the year 1942 no extensions were made to track and these railways were operated with the Commission's equipment and personnel.

## HAMILTON, 1942

### Summary of Accidents on the Hamilton Street Railway
### From January 1st to December 31st, 1942

| | January | February | March | April | May | June | July | August | September | October | November | December | Totals |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Collisions with Autos | 20 | 61 | 51 | 46 | 36 | 37 | 30 | 38 | 44 | 34 | 50 | 90 | 537 |
| Collisions with Motorcycles and Bicycles | 1 | Nil | Nil | Nil | Nil | Nil | 2 | 1 | Nil | 1 | Nil | 1 | 6 |
| Collisions with Wagons | 1 | 2 | 1 | Nil | 1 | 2 | 1 | Nil | Nil | Nil | 1 | 1 | 10 |
| Boarding Cars | 1 | 2 | 1 | 1 | Nil | 3 | 2 | 3 | 2 | 3 | 2 | 2 | 22 |
| Alighting from Cars | 1 | 4 | 3 | 1 | 1 | 4 | 4 | 2 | 4 | 4 | 5 | 2 | 35 |
| Miscellaneous | 3 | 6 | 2 | 2 | 3 | 5 | 3 | 5 | 7 | 5 | 4 | 3 | 48 |
| Total | 27 | 75 | 57 | 50 | 41 | 51 | 42 | 49 | 57 | 47 | 62 | 99 | 658 |
| Personal Injuries: | | | | | | | | | | | | | |
| To Passengers | 1 | 3 | 2 | 1 | 1 | 5 | 3 | 4 | 5 | 6 | 3 | 2 | 36 |
| To Others | 3 | 4 | 2 | 2 | 2 | 3 | 4 | 6 | 7 | 8 | 4 | 3 | 48 |
| Total | 4 | 7 | 4 | 3 | 3 | 8 | 7 | 10 | 12 | 14 | 7 | 5 | 84 |
| Fatal Accidents: | | | | | | | | | | | | | |
| To Passengers | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil |
| To Others | 1 | Nil | Nil | Nil | Nil | Nil | Nil | 1 | Nil | Nil | Nil | Nil | 2 |
| Total | 1 | Nil | Nil | Nil | Nil | Nil | Nil | 1 | Nil | Nil | Nil | Nil | 2 |

## TORONTO, 1942

### Summary of all Accidents on Lines of the Toronto Transportation Commission From January 1st to December 31st, 1942

| | January | February | March | April | May | June | July | August | September | October | November | December | Totals |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Collisions with Cars | 3 | 2 | 7 | 1 | 7 | 9 | 8 | 10 | 5 | 7 | 5 | 5 | 69 |
| Collisions with Autos | 400 | 460 | 404 | 375 | 335 | 280 | 325 | 310 | 400 | 470 | 575 | 665 | 4579 |
| Collisions with Motorcy- and Bicycles | 4 | 8 | 5 | 2 | 4 | 5 | 2 | 6 | 4 | 5 | 7 | 3 | 55 |
| Collisions with Wagons | 4 | 11 | 3 | 2 | 3 | 2 | 2 | 3 | 2 | 5 | 6 | 4 | 47 |
| Boarding Cars | 15 | 12 | 13 | 13 | 14 | 7 | 7 | 10 | 5 | 7 | 11 | 12 | 126 |
| Alighting from Cars | 27 | 40 | 15 | 13 | 25 | 13 | 17 | 20 | 15 | 20 | 23 | 33 | 261 |
| Falling in Cars | 43 | 46 | 20 | 20 | 20 | 22 | 15 | 15 | 32 | 21 | 17 | 40 | 311 |
| Miscellaneous | 40 | 55 | 45 | 63 | 65 | 45 | 52 | 50 | 55 | 47 | 55 | 57 | 629 |
| Total | 546 | 634 | 512 | 489 | 473 | 383 | 418 | 414 | 518 | 582 | 699 | 819 | 6077 |
| Personal Injuries: | | | | | | | | | | | | | |
| To Passengers | 70 | 81 | 62 | 100 | 82 | 70 | 70 | 66 | 65 | 70 | 40 | 80 | 856 |
| To Others | 30 | 30 | 20 | 18 | 20 | 20 | 12 | 21 | 15 | 7 | 12 | 12 | 217 |
| Total | 100 | 111 | 82 | 118 | 102 | 90 | 82 | 87 | 80 | 77 | 52 | 92 | 1073 |
| Fatal Accidents: | | | | | | | | | | | | | |
| To Passengers | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| To Others | 1 | 3 | 1 | 0 | 2 | 1 | 2 | 1 | 0 | 1 | 1 | 2 | 15 |
| Total | 1 | 3 | 1 | 0 | 2 | 1 | 2 | 1 | 0 | 1 | 1 | 2 | 15 |

## INDEX TO RAILWAY LEGISLATION

The following Index has been made with the object of continuing in chronological order all the legislation passed by the Dominion and Provincial Governments since 1867, affecting railways situated wholly or partially within the Province of Ontario:—

| Report No. | Year | Page No. |
|---|---|---|
| 2 | 1907 | 174 |
| 3 | 1908 | 323 |
| 4 | 1909 | 244 |
| 5 | 1910 | 166 |
| 6 | 1911 | 228 |
| 7 | 1912 | 188 |
| 8 | 1913 | 356 |
| 9 | 1914 | 272 |
| 10 | 1915 | Nil |
| 11 | 1916 | 193 |
| 12 | 1917 | 192 |
| 13 | 1918 | 244 |
| 14 | 1919 | 212 |
| 15 | 1920 | 210 |
| 16 | 1921 | 220 |
| 17 | 1922 | 226 |
| 18 | 1923 | 142 |
| 19 | 1924 | 131 |
| 20 | 1925 | 162 |
| 21 | 1926 | 146 |
| 22 | 1927 | 178 |
| 23 | 1928 | 178 |
| 24 | 1929 | 173 |
| 25 | 1930 | 172 |
| 26 | 1931 | 165 |
| 27 | 1932 | 160 |
| 28 | 1933 | 146 |
| 29 | 1934 | 152 |
| 30 | 1935 | 51 |
| 31 | 1936 | 56 |
| 32 | 1937 | 62 |
| 33 | 1938 | 181 |
| 34 | 1939 | 151 |
| 35 | 1940 | 105 |
| 36 | 1941 | Nil |

During the year 1942 the following legislation was enacted:—

### CORNWALL STREET RAILWAY LIGHT AND POWER CO., LTD.

Extension of franchise for period of 10 years, O.S. 1942, C. 42.

### RAILWAY FIRE CHARGE

Tenants of railway lands acquired by Crown to pay annual charge fixed under provision of sub-section (1), (subject to the provisions of Section (4)) O.S. 1942, C. 34, S. 33.

## FORMS THAT MAY BE USED IN CONNECTION WITH THE EXAMINATION OF MOTORMEN

Name of City or Town

..................................................19 ...

**Name of Railway**

This is to certify that, acting under "The Railway Act," (R.S.O., 1937, C. 269), Section 265, I have fully examined the ........................................ who is ........................years of age and....................................feet....................................inches high, weighs....................lbs., complexion...................................., as to fitness as a motorman, that the said........................ ...................................................is of steady habits, and is in physical ability, intelligence and general knowledge of, and experience in, this work, qualified to act as motorman on any electric car of said Company.

I have been duly appointed an examiner under the said Act, my appointment being dated..........................................................................................................................................

Name.............................................................................
Examiner.

## FORM TO BE USED BY COMPANIES IN REPORTING ACCIDENTS

**Accidents:** Regulations under and in pursuance of Sections 281 and 282 of "The Railway Act," (R.S.O. 1937, C. 269)

**Accidents**—Every company upon the happening of an accident shall give to the Ontario Municipal Board notice thereof in writing by delivering the same at the office of the Board in the City of Toronto or by mailing it, postage prepaid, in a registered letter and addressed to the Board.

Such notice shall contain a statement signed by duly authorized officer of such company setting forth the information and particulars hereinafter mentioned.

Such statement shall be divided into paragraphs, each of which shall include and refer to one (or one group) only of the numbered particulars hereinafter mentioned, and the paragraph referring to each respective numbered particular shall bear the number corresponding to the number hereinafter given for each such particular.

The numbers of paragraphs and the particulars to which each shall refer as aforesaid are as follows:

1. Name or names of company or companies concerned in accident.
2. Numbers of train, engine, car or motor.
3. Date and time of accident.
4. Nature of accident.
5. Exact location.
6. Name in full, address and legal addition of each person injured or killed.
7. Age.
8. Married or single.
9. Passenger, employee or other.
10. If employee, length and nature of service with dates and periods of different occupations (if more than one).
11. If employee, character, experience, skill and fitness with respect to occupation at time of accident.
12. How engaged at time of accident and how long on duty.
13. Cause of accident, how same occurred, with full particulars and details and diagram, if required.
14. Persons in charge, with full names, addresses and the particulars referred to in paragraphs 10, 11 and 12.
15. Result to person and particulars of injury.
16. Result to property, including amount of damage.
17. Names and addresses of all persons present at, or eye witnesses of, the accident.
18. What investigation (if any), and result of same.
19. Verdict (if any).

The Board reserves the right to require such further and other details, particulars, maps, plans, profiles, documents, models and information or illustration of any kind as to the nature of the accident and a full understanding thereof may suggest or require.

In pursuance of Sections 281 and 282 of said Act, the Board declares that all such information so given in pursuance of this regulation shall be privileged.

Signature of Officer.

N.B.—Give name of officer who fills out this report.

# REGULATIONS

## REGULATIONS AS TO HEIGHT OF CAR STEPS

Under and in pursuance of a certain order of the Board bearing date the 2nd day of June, A.D., 1909, the Ontario Railway and Municipal Board made the following regulations.

The steps on all cars hereafter constructed and used by the Toronto Railway Company and all other street and electric railways under the jurisdiction of this Board shall have steps confirming to the following regulations.

On closed single truck cars the height of the first step above the ground shall not be less than twelve nor more than fifteen inches.

On closed double truck cars the height of the first step above the ground shall not be less than fourteen nor more than sixteen inches.

On open single truck cars the height of the first step above the ground shall not be less than twelve nor more than fifteen inches, and the distance between the first and second steps and the second step and the floor of the car shall measure twelve inches and nine inches respectively.

On open double truck cars, the height of the first step above the ground shall not be less than fourteen nor more than sixteen inches, and the distance between the first and second steps and the second step and the floor of the car shall measure twelve inches and fourteen inches respectively.

## REGULATION RE DRINKING WATER ON PASSENGER CARS

Every Electric Railway in Ontario, subject to the jurisdiction of the Board, shall provide in each passenger car which runs 20 miles or more, a suitable receptacle for water with paper cups attached upon or near such receptacle, and shall keep such receptacle, while the car is in use, constantly supplied with cool drinking water for the use of passengers and the conductor and motorman in charge of such car.

This regulation shall not apply to street railways in towns or cities.

DATED at Toronto, this 10th day of April, A.D., 1928.

## ELECTRIC AND STEAM RAILWAYS UNDER PROVINCIAL JURISDICTION, YEAR ENDING DECEMBER 31st, 1942

| No. | Name of Railway | Length of road first main track | Length of road second main track | Total main track | Length of sidings and turnouts | Total computed as single track | Length under construction | No. of Power Houses | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Steam | Water | |
| 1 | Cornwall Street Railway, Light & Power Co., Ltd | 5.50 | ........ | 5.50 | 4.50 | 10.00 | ........ | ........ | ........ | Power purchased from St. Lawrence Power Co., Ltd., and supplied to Town of Cornwall stone crusher. |
| 2 | Fort William Electric Railway | ........ | ........ | 12.735 | ........ | 17.852 | ........ | ........ | ........ | Power purchased from Hydro Electric Power Commission of Fort William. |
| 3 | Hamilton Street Railway | ........ | ........ | 40.17 | 2.63 | 42.80 | ........ | ........ | ........ | Power purchased from Hamilton Electric Power Commission. |
| 4 | Huntsville & Lake of Bays Ry | 1.45 | ........ | 1.45 | .31 | 1.75 | ........ | ........ | ........ | Steam Railway. |
| 5 | Kitchener-Waterloo & Kitchener-Bridgeport Railway | 3.96 | 2.86 | 6.82 | .94 | 7.76 | ........ | ........ | 1 | Power purchased from Public Utilities Commission, Kitchener. |
| 6 | Mattagami Railway | 3.000 | ........ | 3.000 | 3.947 | 6.947 | ........ | ........ | ........ | Steam Railway. |
| 7 | Mount McKay & Kakabeka Falls Railway | 2.50 | ........ | ........ | ........ | 2.50 | ........ | ........ | ........ | Leased to and operated by City of Fort William. |
| 8 | Niagara Peninsular Railway | 3.325 | ........ | 3.325 | 2.115 | 5.440 | ........ | ........ | ........ | Operated by Canada Cement Co., Limited. |
| 9 | Port Arthur Civic Railway | 13.43 | 6.10 | 19.53 | 1.04 | 20.57 | ........ | ........ | ........ | Power purchased from Municipal Light & Power System. |
| 10 | Sandwich, Windsor & Amherstburg Railway | Use of tracks discontinued and operation now carried on with buses. | | | | | | | | |
| 11 | Southern Algoma Railway | In process of organization. | | | | | | | | |
| 12 | Sudbury-Copper Cliff Suburban Electric Railway | 7.9 | ........ | 7.9 | ........ | 7.9 | ........ | ........ | ........ | Power purchased from Hydro Electric Power Commission of Ontario |
| 13 | Temiskaming & Northern Ontario Railway | 574.00 | ........ | 574.00 | 147.1 | 721.1 | ........ | 1 | ........ | Power purchased from Public Utilities Commission of Town ofCochrane, Hydro Electric Power Commission of Ontario, Northern Ontario Power Co., Ltd., and Abitibi Power & Paper Co., Ltd. |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 14 | Thurlow Railway | 2.671 | .......... | 2.671 | 4.666 | 7.337 | .......... | ........ | ........ | Operated by Canada Cement Co., Ltd. |
| 15 | Tillson Spur Line Railway | 1.010 | .......... | 1.010 | .051 | 1.061 | .......... | ........ | ........ | All rolling stock owned and operated by Canadian National Railway. |
| 16 | Toronto Transportation Commission | 111.435 | 102.395 | 213.830 | 27.564 | 241.394 | .......... | ........ | ........ | Power purchased from Toronto Hydro Electric System and the Hydro Electric Power Commission of Ontario. |
| 17 | Toronto Transportation Com.: Twps. of York and Weston Railways | 8.063 | 6.002 | 14.065 | .148 | 14.213 | .......... | ........ | ........ | Power purchased from Toronto Transportation Commission. |
| 18 | North Yonge Railway | 10.247 | .......... | 10.247 | 1.364 | 11.611 | .......... | ........ | ........ | Power purchased from North York Hydro Electric Commission. |

## ANALYSIS OF GROSS EARNINGS AND MISCELLANEOUS INCOME FOR YEAR ENDING DECEMBER 31st, 1942

| Name of Railway | From Passengers | From Mail | From Express Parcels and Newspapers | From Freight | From Rental of Tracks Buildings and Other Property | From Advertising | From other Miscellaneous Sources | Total |
|---|---|---|---|---|---|---|---|---|
| Cornwall Street Railway, Light and Power Co., Ltd. | $ 94,338.45 | | | $106,628.09 | $ 750.00 | $ 519.96 | $ 2,315.48 | $ 204,551.98 |
| Fort William Electric Railway | 259,684.15 | 709.99 | | | 63.00 | 740.82 | 1,070.60 | 262,268.56 |
| Hamilton Street Railway | 1,956,196.00 | | | 10,092.00 | 444.00 | 4,755.00 | 4,731.00 | 1,985,218.00 |
| Huntsville & Lake of Bays Railway | 1,007.75 | 50.00 | | 591.36 | | | | 1,649.11 |
| Kitchener - Waterloo & Kitchener - Bridgeport Railway | 138,099.09 | 1,009.67 | 38.75 | | 296.57 | 1,189.76 | 3,458.33 | 144,092.17 |
| Mattagami Railway | 1,267.32 | 1,260.00 | 895.93 | 31,768.75 | | | 13,671.02 | 48,863.02 |
| Mount McKay & Kakabeka Falls Ry. | | | | | 1,200.00 | | 1,694.81 | 2,844.81 |
| Niagara Peninsular Railway | | | | 17,979.00 | | | | 17,979.00 |
| Port Arthur Civic Railway | 247,541.05 | | | | | 665.25 | 279.41 | 248,485.71 |
| Sandwich, Windsor & Amherstburg Railway | 1,813,993.61 | 3,718.06 | 3,434.01 | | 401.00 | 5,248.59 | 686.55 | 1,827,481.82 |
| Southern Algoma Railway | Not yet in operation. | | | | | | | |
| Sudbury-Copper Cliff Suburban Ry. | 131,068.16 | | | 77.15 | | | 1,566.26 | 132,711.57 |
| Thurlow Railway | | | | 29,616.00 | | | | 29,616.00 |
| Tillson Spur Line Railway | All rolling stock owned and operated by Canadian National Railway. | | | | | | | |
| Toronto Transportation Commission | 17,453,920.62 | | 22,986.97 | | 126,427.06 | 72,303.44 | 94,726.87 | 17,770,364.96 |
| Toronto Transportation Commission: Twp. York & Weston Railway | 416,294.78 | | | | | 982.29 | 2,531.22 | 419,808.29 |
| North Yonge Railways | 135,270.87 | | | | 1,268.90 | 317.23 | 439.84 | 137,296.84 |

## TABULATION OF CAR MILES RUN, PASSENGERS CARRIED, ACCIDENTS, ETC., FOR YEAR ENDING DECEMBER 31st, 1942

| Name of Railway | Length of track owned miles | Length of switches & sidings miles | Passenger car miles run | Passengers carried | Passenger carried per mile of main track operated | Accidents | | No. of Men Employed | PassengerCars | | | Miscellaneous | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Killed | Injured | | Enclosed Cars | Open Cars | Trailers | Baggage and Mail | Cattle & Box | Platform | Coal & Dump | Tool | Snow Sweepers | Snow Plows | Loading Cranes | Locomotives | Busses and Trucks |
| Cornwall Street Ry., Light & Power Co. | 5.50 | 4.50 | 433,772 | 2,104,264 | 382,593 | ........ | 1 | 42 | 22 | ........ | ........ | ........ | ........ | ........ | ........ | ........ | 3 | 2 | ........ | 4 | ........ |
| Fort William Electric Railway | 12.735 | ........ | 814,501 | ........ | 278,204 | ........ | 11 | 86 | ........ | 22 | 4 | ........ | ........ | 2 | ........ | 2 | 1 | 2 | ........ | ........ | ........ |
| Hamilton Street Railway | 40.17 | 2.63 | 4,682,499 | 29,675,499 | ........ | 3 | 238 | 330 | 70 | ........ | ........ | ........ | ........ | ........ | ........ | 1 | 4 | ........ | ........ | 2 | 82 |
| Huntsville & Lake of Bays Railway | 1.438 | .312 | ........ | 6,718 | 6,718 | ........ | ........ | 4 | ........ | ........ | 3 | 2 | ........ | 2 | ........ | ........ | ........ | ........ | ........ | ........ | ........ |
| Kitchener-Waterloo & Kitchener-Bridgeport Railway | 6.82 | .94 | 309,258 | 3,561,345 | 458,936 | ........ | ........ | ........ | 11 | ........ | ........ | ........ | ........ | ........ | ........ | 1 | 2 | ........ | ........ | ........ | ........ |
| Mattagami Railway | 3.000 | 3.947 | 30,558 | 8,449 | 2,816 | ........ | ........ | 10 | ........ | ........ | ........ | 1 | ........ | 1 | 1 | ........ | ........ | 1 | 1 | 2 | ........ |
| Mount McKay & Kakabeka Falls Ry. | 2.50 | Line oper | ated by City | of Fort Will | iam under | Lease | | | | | | | | | | | | | | | |
| Niagara Peninsular Railway | 3.325 | 2.115 | ........ | ........ | ........ | ........ | ........ | 10 | ........ | ........ | ........ | ........ | ........ | 3 | 47 | ........ | ........ | ........ | ........ | 4 | ........ |
| Port Arthur Civic Railway | 19.53 | 1.04 | 650,039 | 4,020,541 | 6.18 | 1 | 3 | 49 | 19 | ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ | 2 | ........ | ........ | ........ |
| Sandwich, Windsor & Amherstburg Ry. | (a) | (a) | 5,126,580 | 22,831,203 | ........ | ........ | ........ | 307 | ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ | 152 |
| Southern Algoma Railway | Not yet in | operation | | | | | | | | | | | | | | | | | | | |
| Sudbury-Copper Cliff Suburban Railway | 7.9 | ........ | 237,362 | 1,869,101 | ........ | ........ | 10 | 35 | 11 | ........ | ........ | ........ | ........ | ........ | ........ | ........ | 1 | ........ | ........ | ........ | 1 |
| Thurlow Railway | 2.671 | 4.666 | ........ | ........ | ........ | ........ | ........ | 8 | ........ | ........ | ........ | ........ | ........ | 1 | 22 | ........ | ........ | ........ | ........ | 4 | ........ |
| Tillson Spur Line Railway | 1.010 | .051 | All rolling st | ock owned a | nd operate | d by | C. N. | R. | | | | | | | | | | | | | |
| Toronto Transportation Commission | 313.830 | 27.564 | 38,807,513 | 247,700,792 | ........ | 22 | 896 | 3698 | 841 | ........ | 105 | ........ | ........ | ........ | ........ | 33 | 28 | 20 | 1 | ........ | 412 |
| Toronto Transportation Commission: | | | | | | | | | | | | | | | | | | | | | |
| Twp. York & Weston Railway | 14.065 | .148 | 767,364 | ........ | ........ | 1 | 8 | Ry. o | pera | tedb | y T. | T. C | . em | ploy | eesa | nd r | ollin | g sto | ck. | | |
| North Yonge Railway | 10.247 | 1.364 | 343,089 | 1,560,555 | ........ | 2 | 6 | " | " | " | " | " | " | " | " | " | " | " | " | | |

(a)—Operating entirely by busses.

## TABULATION OF COMPARISON WITH PREVIOUS YEARS AS TO CAR MILES RUN, PASSENGERS CARRIED, ETC. FOR YEAR ENDING DECEMBER 31st, 1942

| Name of Railway | Length of Track | | Car Miles Run | | Passengers Carried | | Accidents | | | | Net Earnings | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Killed | | Injured | | | |
| | In-crease | De-crease | In-crease | De-crease | Increase | Decrease | In-crease | De-crease | In-crease | De-crease | Increase | Decrease |
| Cornwall Street Railway | .50 | | 32,654 | | 472,376 | | | | | | $ 4,418.09 | |
| Fort William Electric Railway | | 1,961 | 20,400 | | 594,478 | | | | | 3 | | $ 741.12 |
| Hamilton Street Railway | | | 265,230 | | 7,316,761 | | 2 | | 58 | | | 2,280.31 |
| Huntsville & Lake of Bays Ry | | | | | 1,429 | | | | | | | 635.51 |
| Kitchener-Waterloo & Kitchener-Bridgeport Railway | | | 51,880 | | 903,577 | | | | | 9 | | 494.12 |
| Mattagami Railway | | | | 1,938 | 988 | | | | | | | b) 14,295.48 |
| Mount McKay & Kakabeka Falls Railway | Line operated by City of Fort William under lease | | | | | | | | | | | 12,613.25 |
| Niagara Peninsular Railway | | | | | | | | | | | | 1,126.00 |
| Port Arthur Civic Railway | | | | 7,182 | | | 1 | | | 1 | 32,342.12 | |
| Sandwich, Windsor & Amherstburg Railway | (c) | | 1,517,156 | | 9,075,752 | | | | | | a) 39,264.46 | |
| Southern Algoma Railway | Not yet in operation. | | | | | | | | | | | |
| Sudbury-Copper Cliff Suburban Railway | | | 73,549 | | 558,602 | | | | 10 | | | 11.674.61 |
| Thurlow Railway | | | | | | | | | | | 4,548.72 | |
| Tillson Spur Line Railway | All rolling stock owned and operated by C. N. R. | | | | | | | | | | | |
| Toronto Transportation Commission | | .015 | 6,328,784 | | 47,281,537 | | | | 442 | | 632,386.60 | |
| Toronto Transportat'n Com.: | | | | | | | | | | | | |
| Twp. York & Weston Ry | | | 125,358 | | 2,358,816 | | 1 | | 4 | | 82,517.16 | |
| North Yonge Ry | .063 | | 68,131 | | 406,809 | | 2 | | 5 | | 12,453.98 | |

(a)—Decrease in deficit.

(b)—Increase in deficit.

(c)—Operated entirely with busses.

## TABULATION OF OPERATING COSTS FOR YEAR ENDING DECEMBER 31st, 1942

| Name of Railway | General Expenses | Maintenance of Roadbed and Buildings | Maintenance of Equipment | Motive Power | Wages | Damages to Persons and Property | Miscellaneous | Total |
|---|---|---|---|---|---|---|---|---|
| Cornwall Street Railway | $ 16,949.44 | $ 9,077.76 | $ 27,144.17 | $ 21,781.84 | $ 42,274.53 | $ 895.00 | $ 2,751.81 | $ 120,874.55 |
| Fort William Electric Railway | 19,448.49 | 30,673.58 | 32,884.56 | 30,932.66 | 77,912.94 | 759.76 | 6,264.00 | 198,875.99 |
| Hamilton Street Railway | 88,657.00 | 52,722.00 | 152,623.00 | 86,162.00 | 363,575.00 | 49,860.00 | 151,840.00 | 945,439.00 |
| Huntsville & Lake of Bays Railway | 188.79 | 666.13 | 403.21 | 320.43 | 347.73 | ...... | ...... | 1,926.29 |
| Kitchener - Waterloo and Kitchener - Bridgeport Railway | 18,714.26 | 10,500.17 | 18,907.68 | 9,995.06 | 40,118.19 | 230.78 | 4,497.50 | 102,963.64 |
| Mattagami Railway | 9,927.84 | 28,980.16 | 3,264.23 | ...... | 11,548.56 | ...... | 8,863.85 | 62,584.64 |
| Mount McKay & Kakabeka Falls Ry. | 159.90 | ...... | ...... | 1,000.00 | ...... | ...... | ...... | 1,159.90 |
| Niagara Peninsular Railway | 88.34 | 3,233.16 | 2,322.00 | 3,852.00 | 4,699.16 | ...... | ...... | 14,194.66 |
| Port Arthur Civic Railway | 18,050.66 | 15,901.99 | 29,328.40 | 19,999.92 | 61,218.30 | ...... | 4,302.72 | 148,801.99 |
| Sandwich, Windsor & Amherstburg Ry | 146,039.49 | ...... | 219,643.50 | ...... | 485,172.82 | ...... | 317,947.27 | 1,168,803.08 |
| Southern Algoma Railway | Not yet in operation. | | | | | | | |
| Sudbury-Copper Cliff Suburban Ry. | 16,331.96 | 25,054.99 | 15,036.63 | 19,836.95 | 38,460.10 | ...... | 8,381.70 | 124,062.33 |
| Thurlow Railway | 88.33 | 7,268.78 | 4,731.70 | 2,727.52 | 5,309.52 | ...... | 1,540.70 | 21,666.55 |
| Tillson Spur Line Railway | All rolling stock owned and operated by Canadian National Railway. | | | | | | | |
| Toronto Transportation Commission | 909,302.34 | 547,772.36 | 969,907.86 | 1,206,122.42 | 3,640,430.49 | 219,130.71 | 2,163,343.91 | 9,656,010.09 |
| Toronto Transportation Commission: | | | | | | | | |
| Twp. York and Weston Railway | 18,071.37 | 17,380.69 | 22,176.86 | 22,028.06 | ...... | ...... | 140,232.06 | 219,889.04 |
| North Yonge Railway | 11,526.96 | 22,678.92 | 10,179.92 | 17,122.19 | ...... | ...... | 44,881.63 | 106,389.62 |

## TABULATION OF CHARGES OTHER THAN OPERATING COSTS, YEAR ENDING DECEMBER 31st, 1942

| Name of Railway | Interest on Funded Debt | Interest or Discount on Unfunded Debt | Taxes | Transfer to Special Accounts | All Charges Other than Operating Costs | Total Expenditures including Operating Costs | Total Expenditure excluding Operating Costs | Total Revenue from all Sources | Net Deficit from Year's Operation | Net Surplus from Year's Operation |
|---|---|---|---|---|---|---|---|---|---|---|
| Cornwall Street Railway | $ 9,100.00 | | $ 2,361.03 | $ 26,942.13 | 51,407.69 | (a) $ 144,903.58 | (a) $ 24,029.03 | $ 204,551.98 | | $ 32,706.27 |
| Fort William Electric Railway | 21,900.00 | | 1,671.77 | 7,454.83 | 31,972.60 | (a) 223,393.76 | (a) 24,517.77 | 262,268.56 | | 31,419.97 |
| Hamilton Street Railway | 123,738.00 | | 105,898.00 | 432,014.00 | 661,650.00 | (a) 1,325,075.00 | (a) 945,439.00 | 1,985,218.00 | | 378,129.00 |
| Huntsville & Lake of Bays Railway | | | 82.32 | | 82.32 | 2,008.61 | 82.32 | 1,649.11 | 359.00 | |
| Kitchener-Waterloo Railway | | $ 1,221.90 | 384.86 | 39,432.53 | 41,039.29 | (a) 104,570.40 | (a) 1,606.76 | 144,092.17 | | 89.24 |
| Mattagami Railway | | | 88.53 | 10,000.00 | 10,088.53 | (a) 62,673.17 | (a) 88.53 | 48,863.02 | 23,810.15 | |
| Mount McKay & Kakabeka Falls Ry | | | 137.51 | 10,258.04 | 10,359.55 | (a) 1,297.41 | (a) 137.51 | 3,273.16 | 8,282.29 | |
| Niagara Peninsular Railway | | | 3.53 | | 3.53 | 14,198.60 | 3.53 | 17,979.00 | | 3,780.81 |
| Port Arthur Civic Railway | 2,419.23 | | 101.45 | 9,238.57 | 11,759.25 | (a) 141,322. | (a) 2,520.6 | 248,485.71 | | 87,924.47 |
| Sandwich, Windsor & Amherstburg Ry | 320,899.54 | | 12,262.44 | 583,336.98 | 916,498.96 | (a) 1,511,399.00 | ( ) 342,595.9 | 1,827,481.82 | 257,820.22 | |
| Southern Algoma Railway | Not yet in operation. | | | | | | | | | |
| Sudbury-Copper Cliff Suburban Railway | 3,188.26 | | 3,767.40 | 5,381.79 | 12,337.45 | (a) 131,017.93 | (a) 6,955.60 | 132,711.57 | 3,686.21 | |
| Thurlow Railway | | | | | | | | | | |
| Tillson Spur Line Railway | All rolling stock owned and operated by C. N. R. | | | | | | | | | |
| Toronto Transportation Commission | 942,469.17 | | 488,953.02 | 6,136,025.75 | 7,596,684.63 | (a) 1,111,678.97 | (a) 1,460,658.88 | 18,011,328.27 | | 758,533.55 |
| Toronto Transportation Commission: | | | | | | | | | | |
| Twp. York & Weston Railway | 45,207.52 | | | 19,830.32 | 65,038.32 | (a) 265,096.56 | (a) 45,207.52 | 419,808.29 | | 134,880.56 |
| North Yonge Railway | | | 95.45 | | 95.45 | 106,485.07 | 95.45 | 137,296.84 | | 30,811.77 |

## TABULATION OF ASSETS AND LIABILITIES AS OF DECEMBER 31st, 1942

| Name of Railway | Authorized Capital Stock | ASSETS | | | LIABILITIES | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Cost of Railway Equipment, Land and Buildings | Cash and Other Assets | Deficit | Capital Stock outstanding | Funded Debt and Real Estate | Current Liabilities | Accrued Liabilities Sinking and Other Special Funds | Surplus |
| Cornwall Street Railway | $ 200,000.00 | $ 622,436.53 | $ 46,931.68 | ........ | $ 200,000.00 | $ 130,000.00 | $ 15,898.33 | $ 187,014.74 | $ 136,455.14 |
| Fort William Electric Railway | ........ | 238,000.00 | 235,906.94 | 23,335.96 | ........ | 238,000.00 | 25,460.54 | 233,782.36 | ........ |
| Hamilton Street Railway | 3,205,000.00 | 4,406,850.00 | 562,705.00 | ........ | 3,205,000.00 | 236,222.00 | 362.00 | 1,364,786.00 | 163,185.00 |
| Huntsville & Lake of Bays Railway | 50,000.00 | 29,482.24 | 11,730.42 | ........ | 27,800.00 | ........ | 1,682.93 | 11,588.04 | 141.69 |
| Kitchener & Waterloo Railway | ........ | 487,952 23 | 61,349.94 | 57.62 | ........ | 12,871.00 | 4,340.47 | 531,948.32 | ........ |
| Mattagami Railway | 250,000.00 | 244,966.94 | 4,103.16 | 174,988.21 | 370,000.00 | ........ | 3,543.42 | 45,000.00 | 125,514.89 |
| Mount McKay & Kakabeka Falls Ry | 500,000.00 | 51,900.00 | 10,120.96 | 337,024.31 | 386,300 00 | ........ | ........ | 12,745 27 | ........ |
| Niagara Peninsular Railway | 200,000.00 | 55,550.88 | 132,035 83 | ........ | 50,000.00 | ........ | ........ | ........ | 137,586.71 |
| Port Arthur Civic Railway | ........ | 942,867.64 | 225,190.81 | ........ | ........ | ........ | 68,446.57 | 968,988 71 | 130,623 17 |
| Sandwich, Windsor & Amherstburg Ry | ........ | 1,069,037.23 | 7,676,820.17 | ........ | ........ | 6,816,205.00 | 1,164,875.96 | 687,378.21 | 77,399.23 |
| Southern Algoma Railway | Not yet in opera | tion. | | | | | | | |
| Sudbury-Copper Cliff Suburban Railway | 173,100.00 | 275,301.48 | 112,412.40 | 56,386.14 | 173,100.00 | 49,780.28 | 36,738.38 | 184,481.36 | ........ |
| Thurlow Railway | 50,000.00 | 58,211.42 | ........ | 36,203.65 | 25,000.00 | ........ | 69,415.07 | ........ | ........ |
| Tillson Spur Line Railway | 20,000 00 | All rolling stock | owned and oper | atedby C.N.R. | | | | | |
| Toronto Transportation Commission | ........ | 54,278,138.51 | 11,054,567.00 | ........ | 15,162,899.87 | ........ | 904,889.59 | 47,494,473.37 | 1,770,442.88 |
| Toronto Transportation Commission: | | | | | | | | | |
| Twp. York & Weston Railway | ........ | 1,393 256 10 | 234,996.85 | ........ | ........ | 982,750.59 | ........ | 419,132.95 | 226,369.41 |
| North Yonge Railway | ........ | 107,549.10 | 5,307 54 | ........ | ........ | ........ | 82,042.87 | ........ | 30,811.77 |

# INDEX

A

Abohbot, Mrs. C. and Dept. of Highways—Decision of Board 18
Abohbot, W., and Dept. of Highways—Decision of Board 26
Abstract and Summary of Applications to Board 17 et seq.
Accidents, Report of, on Railways 12
Accidents, Reports of, on Railways, Form for 126
Accidents, Summary of, on lines in City of Hamilton, 1942 122
Accidents, Summary of, on lines in City of Toronto, 1942 123
Albert-Bay Co. Ltd., and City of Toronto—Decision of Board 69
Annexations of Territory 14 and 100
Applications to Board:—
- Additional Expenditures not provided for in estimate for current year (Sec. 70, "The Ontario Municipal Board Act") (as amended by O. S. 1941) 10 and 79 et seq
- Annexations (Sec 16 of "The Municipal Act") 14 and 100
- Arbitrations 10, 14, 18 and 100
- Assessment Appeals 11, 14, 55 and 100
- Bridges, Repairs to (Sec. 483 of "The Municipal Act") 14 and 101
- Direct Relief ("The Unemployment Relief Act (Ontario) 1935") 11
- Dispensing with vote of Electors (Sec. 69, "The Ontario Municipal Board Act") 15 and 78 et seq
- Extension of debenture issue period (Sec. 305 (11) and (12), "The Municipal Act") 14 and 101
- Extension of Municipal Utilities (Sec. 407 (2) "The Municipal Act") 11, 14, 78 and 97
- Extension of time to pass debenture By-laws (Sec. 295 (5) of "The Municipal Act") 78 and 101
- Floating Indebtedness (Sec. 59 (d) of "The Municipal Act") 11, 14 and 78
- Highways, County, Abandonment of part of (Sec. 468 (3) of "The Municipal Act") 14 and 102
- Highways, Closing of by Department of Highways (Sec. 79 (a) "The Highways Improvement Act") 10, 14, 32, 37 and 102
- Highways, Department of, Claims against 10, 18 and 100
- Highways Improvement Act," "The—Arbitrations pursuant to Section 79 of 10, 18 and 100
- Highways, Narrow (Sec. 502 of "The Municipal Act") 14 and 102
- Increased Borrowings by Municipalities—(Sec. 339 (2) of "The Municipal Act") 14 and 102
- Land Subdivision Plans, Approval of 12, 15 and 105
- Lanes, Opening and Paving of (Sec. 29 (3) of "The Municipal Act") 78
- Legislation Special 14, 78 and 103
- License Fee (Sec. 420 (11) of "The Municipal Act") 14 and 103
- Local Improvements—Apportionment of cost of (Sec. 27 (3) of "The Local Improvement Act") 14 and 78
- Local Improvements—Approval of undertaking of, (Sec. 8 of "The Local Improvement Act") 14 and 78
- Local Improvements—Part only of Work (Sec. 18 of "The Local Improvement Act") 14, 78 and 104
- Miscellaneous matters under Board's Jurisdiction 14 and 78 et seq

  - Ontario Municipalities Fund (Sec. 330 of "The Municipal Act") (as re-enacted by O.S. 1941, C. 35, Sec. 9) ... 14 and 104
  - Parks, setting aside part of for athletic purposes (Sec. 12 (6) of "The Public Parks Act") ... 14 and 104
  - Plans of Land Subdivisions—Approval of under "The Land Titles Act," "The Planning and Development Act" and "The Registry Act" ... 12, 15 and 105
  - Power Commission Act" "The—Arbitrations under ... 10, 47 and 100
  - Railways, Provincial, Orders respecting ... 12 and 109
  - Restricted Areas, Establishment of—(Sec. 406 of "The Municipal Act") ... 13, 15 and 109
  - Restricted Areas, Repeal or amendment of—(Sec. 406 of "The Municipal Act") ... 13, 15 and 111
  - Retirement of unmatured debentures—(Sec. 59 (dd) of "The Municipal Act") ... 15 and 78
  - Sinking Funds, authority to dispense with Further Levy for—(Sec. 321 (b) of "The Municipal Act") ... 15 and 114
  - Supervised Municipalities—Refunding Plans ("The Department of Municipal Affairs Act") ... 15 and 114
  - Supervised Municipalities—Supervision of (Part III of "The Department of Municipal Affairs Act") ... 15 and 114
  - Tax Rate, Approval of Further Debt and Levies for—(Sec. 315 (2) of "The Municipal Act") ... 15 and 114
  - Undertaking of Capital Expenditures, Approval of (Sec. 70 of "The Ontario Municipal Board Act") ... 10 and 78 et seq
  - Validation of Municipal Debentures—(Part IV of "The Ontario Municipal Board Act") ... 11, 15, 78 and 97
  - Vote of Electors, Applications to dispense with—(Sec. 69 of "The Ontario Municipal Board Act") ... 15 and 78 et seq
- Approval of By-laws respecting Municipal Utilities ... 11, 14
- Approval of Ratepayers ... 10
- Arbitrations ... 10, 14, 18 and 100
- Assessment Appeals ... 11, 15 and 100
- Axler, Ruby and Sylvia Simon and City of Toronto ... 67

B

- Bell Telephone Co. of Canada—List of Agreements with ... 119
- Board Act, Ontario Municipal ... 9
- Board, Abstract and Summary of Applications to ... 17 et seq
- Board, Applications to ... 9
- Board, Ontario Municipal—Organization of ... 5
- Board, Orders of ... 78 et seq
- Board, Revenue of ... 9
- Board, Sittings of ... 9
- Borrowings by Municipalities—increased ... 14 and 102
- Bridges, repairs to ... 14 and 101
- By-laws, Approvals of for:—
  - Extensions of Municipal Utilities ... 11, 14, 78 and 97
  - Floating Indebtedness ... 11, 14 and 102
  - Highways, Closing of by Dept. of Highways ... 10, 14 and 102
  - Highways, Narrow ... 14 and 102
  - License Fee for bicycles ... 14 and 103
  - Local Improvements—undertaking of ... 14 and 78 et seq
  - Local Improvements—Part only of work ... 14, 78 and 104
  - Restricted Areas—Establishment of ... 13, 15 and 109
  - Restricted Areas—Repeal or amendment of ... 13, 15 and 111
  - Tax Rate ... 15 and 114
  - Validation of ... 11, 14 and 100

C

Capital Expenditure, approval of undertaking of ........ 10 and 78 et seq
Car Steps, Height of—See "Railways"
Cars (Passenger), re Drinking water on—See "Railways"
Cobourg, Town of "The Town of Cobourg Act, 1932" ........ 78 and 80

D

Debentures, Municipal—Retirement of unmatured ........ 15 and 78
Debentures, Municipal—Validation of ........ 11, 15, 78 and 98
Debenture terms for Local Improvement Works ........ 10
Direct Relief—"Unemployment Relief Act (Ontario) 1935" ........ 11
Dispensing with vote of electors ........ 15, and 78 et seq
Drinking water on passenger cars—regulations respecting ........ 127

E

East, John, Estate of and Town of Fort Frances ........ 55
Electric and Steam Railways under Provincial Jurisdiction, 1942 ........ 128 et seq
Examination of Motormen, Form of Certificate for ........ 125
Extensions and improvements to Provincial Railways ........ 120
Extension of debenture issue period ........ 14 and 101
Extension of Municipal Utilities ........ 11, 14, 78 and 97
Extension of time to pass debenture By-laws ........ 78 and 101

F

Fenelon Falls—"The Village of Fenelon Falls Act, 1942" ........ 78 and 83
Form of certificate for examination of Motormen ........ 125
Form for Reports of Accidents on Railways ........ 126
Forms for distribution to parties interested ........ 13
Fort Frances, Town of and Estate of John East ........ 55

H

Hamilton Street Railway—Summary of Accidents, 1942 on lines of .. 122
Height of Car Steps—regulations respecting ........ 127
Highways (County) Abandonment of part of ........ 14 and 102
Highways—Closing of by Department of Highways ........ 10, 14, 32, 37 and 102
Highways, Department of (Ontario)—Claims against ........ 10, 18 and 100
Highways Improvement Act", "The—Arbitrations pursuant to ........ 10, 14, 18 and 100

I

Increased Borrowings by Municipalities ........ 14 and 102
Indebtedness, Floating (re issue of debentures to take care of) ........ 11, 14 and 78
Index to Railway Legislation ........ 124
Inspector of Telephone Service—Report of ........ 16

J

Jurisdiction of Board, Miscellaneous Matters under ........ 14 and 78 et seq

K

Kincardine, Town of—"The Town of Kincardine Act, 1942" .... 78 and 85

L

Lanes, Opening and Paving of .... 78 et seq
Land Subdivision Plans, Approval of .... 12, 15 and 105
Land Titles Act," "The—Approval of Plans under .... 12, 15 and 105
Legislation Special .... 14, 78 and 103
License Fee, Approval of fixing of, for bicycles .... 14 and 103
Licenses, Truck and Public Commercial Vehicles .... 12
Local Improvements—Apportionment of cost of .... 14 and 78
    Approval of undertaking of .... 14 and 78
    Part only of work .... 14, 78 and 104
Logan, Leonard and Hydro Electric Power Commission of Ontario .... 42

M

Miscellaneous Matters under Board's Jurisdiction .... 14 and 78 et seq
Motormen, Form of Certificate for examination of .... 125
Municipal Board Act", "The Ontario .... 9
Municipal Debentures—Retirement of unmatured .... 15 and 78
Municipal Debentures—Validation of .... 11, 78 and 98
Municipal Debentures—Terms of, for Local Improvement Works .... 10
Municipalities, Increased Borrowings by .... 14 and 102

N

Narrow Highways—Approval of By-laws for .... 14 and 102
Nelson, Township of and Town of Burlington .... 44

O

Ontarion Department of Public Highways—See "Highways Department of (Ontario)"—Claims against and Closing of highways by
Ontario Municipalities Fund .... 14 and 104
Orders of the Board .... 78 et seq
Organization of the Ontario Municipal Board .... 5

P

Parks, setting aside part of for athletic purposes .... 14 and 104
Pascoe, Cecil and Department of Highways .... 37
Planning and Development Act," "The—Approval of Plans under .... 12, 15 and 105
Plans, (land subdivision) approval of .... 12, 15 and 105
Portsmouth, Village of— Approval of Restricted Area By-law — Board's Decision .... 53
Power Commission Act", "The—Arbitrations under .... 10, 42 and 100
Provincial Railways—see "Railways, Provincial" ....
Public Commercial Vehicle Licenses .... 12
Public Highways of Ontario, Department of—See "Highways" ....
Public Utilities—see "Utilities" ....
Puckrin, Lorne and Department of Highways .... 32

R

Railways, Provincial:—
- Accident Reports .... 12, and 120 et seq
- Electric and Steam under Provincial Jurisdiction .... 128 et seq
- Examination of Motormen, Form of Certificate for .... 125
- Extensions and improvements to, Summary of .... 120 et seq
- Index to Railway Legislation .... 124
- Orders respecting .... 12, 15 and 109
- Regulations re drinking water on passenger cars .... 127
- Regulations re height of car steps .... 127
- Returns by .... 12, 15 and 130
- Summary of accidents on lines in City of Hamilton .... 122
- Summary of accidents on lines in City of Toronto .... 123

Registry Act," "The—approval of Plans under .... 12, 15 and 105
Regulations re Drinking Water on Passenger Cars (Railways) .... 127
Regulations as to Height of Car Steps (Railway) .... 127
Relief Act (Ontario), 1935" "The Unemployment—Direct Relief .... 11
Report of Accidents on Railways .... 122 and 123
Reports of Accidents on Railways—Forms to be used for .... 126
Reports on Examination of Motormen—Form for .... 125
Report of the Inspector of Telephone Service .... 16
Restricted Areas, Approval of By-laws establishing .... 13, 15 and 109
Restricted Areas, Repeal or amendment of .... 13, 15 and 111
Retirement of unmatured Debentures .... 15 and 78
Richmond Bay Co., Ltd. and City of Toronto .... 71

S

Sinking Funds—Authority to dispense with further levy for .... 15 and 114
Sittings of the Board .... 9
Special Legislation .... 15 and 103
Stratford, City of "The City of Stratford Act" .... 78
Subdivision Plans (Land)—Approval of .... 12, 15 and 105
Supervised Municipalities .... 11
Supervised Municipalities—Refunding Plans .... 15 and 114
Supervised Municipalities—Supervision .... 15 and 114
Swansea, Village of—Approval of Restricted Area By-law—Decision of Board .... 54
Systems, Telephone—Agreements with Bell Telephone Co. of Canada 119
Systems, Telephone—Applications respecting .... 16 and 115 et seq
Systems, Telephone—Report of Inspector respecting .... 16

T

Telephone Systems—Agreements with Bell Telephone Co. of Canada 119
Telephone Systems—List of Applications respecting .... 16 and 115 et seq
Telephone Systems—Report of Inspector of .... 16
Toronto, City of and Albert-Bay Co. Ltd .... 69
Toronto, City of and Aluminum Co. of Canada Ltd .... 57
Toronto, City of and Ruby Axler and Sylvia Simon .... 67
Toronto, City of and Havergal College .... 75
Toronto, City of and Salada Tea Co. Ltd .... 64
Toronto, City of and Board of Governors of Victoria University .... 76
Toronto, City of and Richmond Bay Co. Ltd .... 71
Toronto, City of and Yolles, L. S. .... 73

U

Undertaking of Capital Expenditures—Approval of ... 10 and 78 et seq
Unemployment Relief Act (Ontario), 1935," "The—Direct Relief ... 11
Utilities (Municipal), Extensions of ... 11, 14, 78 and 97

V

Validation of Municipal Debentures ... 11, 14 and 100
Vote of Electors—Applications to dispense with ... 15 and 78 et seq

W

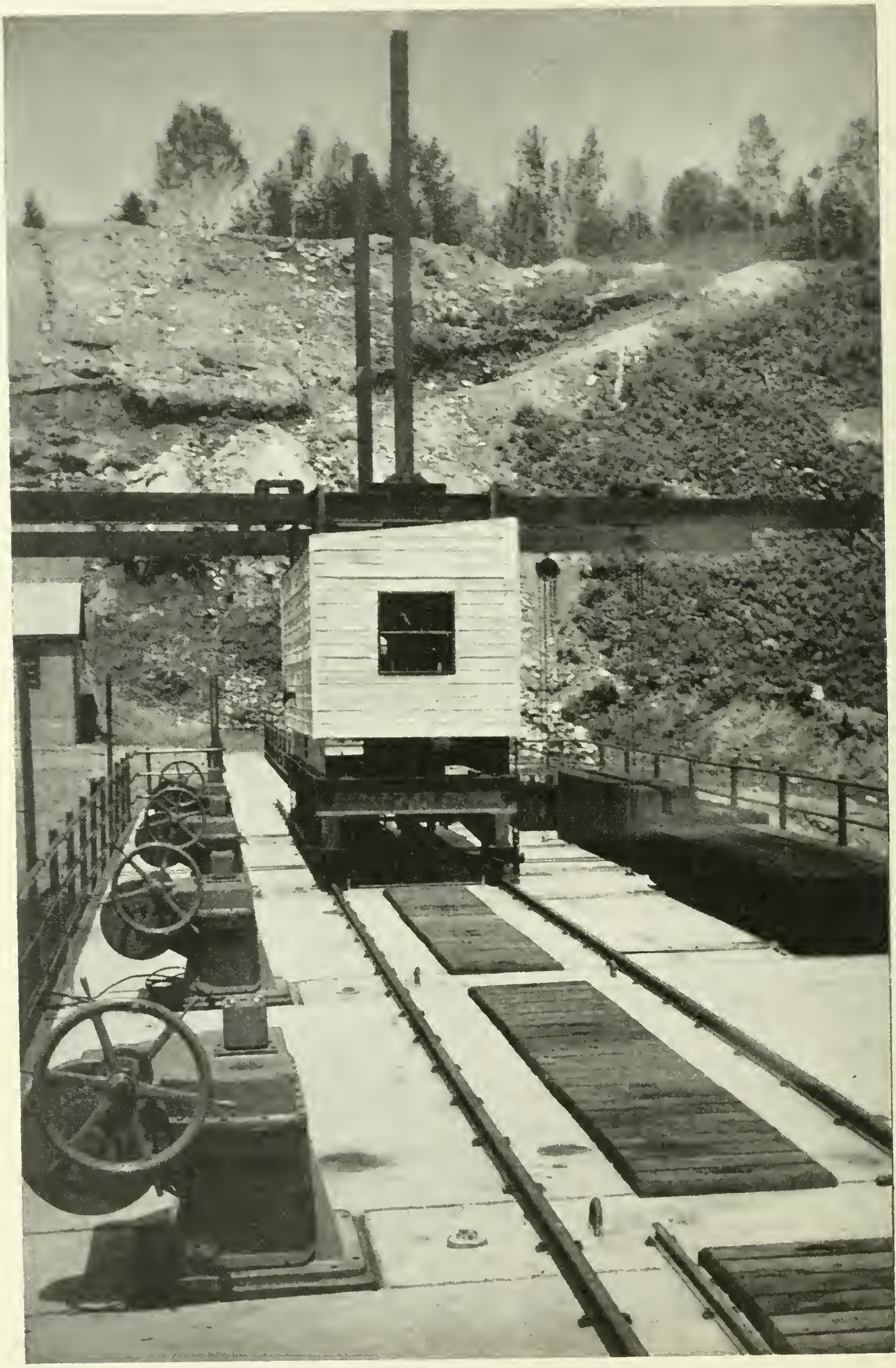
Windsor, City of—Clarification of Decision of Board re certain payments in the City's proposed Budget ... 49
Windsor, City of—Refunding Plan—interpretation or operation of Article IV, Sec. 1a of Plan ... 51
Windsor, City of, Separate School Board Debenture Holders Committee—Approval of 1942 Budget of Board of Trustees of R. C. S. S. for City of Windsor ... 47

Y

Yolles, L. S. and City of Toronto ... 73

Z

Zamolynski, Paul and Department of Highways ... 39



WATER CONSERVATION—EASTERN ONTARIO
Deck of control section of Bark Lake dam, Madawaska river, showing stop-log winch and controls for valves in conduits

THIRTY-FIFTH ANNUAL REPORT

OF

# THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

FOR THE YEAR ENDED OCTOBER 31st

1942

ONTARIO

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO

TORONTO
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1943

## THE HYDRO-ELECTRIC POWER COMMISSION
### OF ONTARIO

| | |
|---|---|
| T. H. Hogg, B.A.Sc., C.E., D.Eng | *Chairman and Chief Engineer* |
| Hon. Wm. L. Houck. B.Sc., M.L.A. | *Vice-Chairman* |
| J. Albert Smith, M.L.A. | *Commissioner* |
| Osborne Mitchell | *Secretary* |

*To His Honour*

The Honourable Albert Matthews, L.L.D.,

*Lieutenant-Governor of Ontario*

May It Please Your Honour:

The undersigned respectfully presents the Thirty-Fifth Annual Report of The Hydro-Electric Power Commission of Ontario for the fiscal year which ended October 31, 1942.

The record of the Commission's work presented in this Annual Report relates to three principal fields—the co-operative municipal field, the field of rural supply, and the northern Ontario field. The first two cover the Commission's activities on behalf of the co-operative systems, and the last relates to its trusteeship of the Northern Ontario Properties on behalf of the Province. Throughout the various sections of the Report dealing broadly with physical operation of the plants, constructional activities and financial statements, these fields of activity are clearly differentiated.

The Report also presents for the calendar year 1942 financial statements and statistical data relating to the municipal electric utilities operating in conjunction with the several co-operative systems for the supply of electrical service throughout the Province.

### War Activities

As forecast last year there developed during 1942 a shortage of power capacity to supply the growth in demand for power for Ontario's expanding war program, and in order to maintain full service to the war industries, consumption of electricity for less vital needs was curtailed. Two methods were employed: restrictive measures introduced by the Dominion Power Controller, and voluntary savings by the citizens. The restrictive measures reduced sign and street lighting, darkened store windows and show cases, eliminated decorative lighting and prohibited the use of electric air-heaters in stores and offices.

Perhaps the outstanding fact with regard to the supply of power for war needs in Ontario during 1942 was the splendid co-operation of all citizens. Suppliers, distributors and users of Hydro service, all co-operated to ensure that the power requirements of Ontario's war effort should be the first consideration.

### Operating Conditions

Depending entirely upon water-power developments for its power supplies, the Commission's operations are influenced by climatic conditions. During the winter of 1941-42 practically no trouble was experienced from ice conditions at any of the Commission's generating plants, and during the whole fiscal year only minor disturbances were experienced as the result of wind, sleet and electrical storms.

At the beginning of the winter of 1941-42 all storage reservoirs were somewhat above normal level. Good water conditions existed until after the spring run-off but, as is usual, there was sub-normal precipitation in some areas during the summer, and river flows, notably on the Ottawa river, receded to low values by early fall. Before the winter peak load season of 1942-43 arrived, however, fall rains had improved the situation.

### Load Conditions

Expanding war industries continued to demand increased quantities of power throughout the year. When it became evident that these war demands would result in a total demand in excess of the visible and prospective power supplies, attention was focussed upon shifting available power resources from less essential uses to those by which a maximum contribution to the war effort can be made. This was accomplished by mandatory restrictions and by a voluntary savings campaign, chiefly concerned with the domestic consumer. These efforts had a marked effect upon the primary load from September 1942 on and enabled the Commission to supply the winter peak of December 1942 with only relatively small cuts in power delivery for brief periods.

All of the year's growth in primary load occurred in Southern Ontario on the Niagara, Georgian Bay and Eastern Ontario systems, where nearly all the war production plants of the Province are situated. In this area demands for primary power reached record levels, the energy output for primary power purposes exceeding that of the previous year by 20 per cent. Part of this increase resulted from the conversion of substantial blocks of power from secondary to primary classification.

In the areas served by the Northern Ontario Properties the output for primary power purposes was 6.3 per cent less than the previous year. This was due chiefly to curtailment of gold mining activities.

All power resources available to the Commission were used to the greatest possible extent throughout the year. The total energy output was 11,674,049,281 kilowatt-hours, exceeding all previous records, including that of the preceding year by 11.5 per cent.

### Additional Power Supplies

To keep pace as far as possible with expanding war production, additional supplies of power totalling 139,000 horsepower were secured for the Southern Ontario systems during the fiscal year. The Quebec power companies supplied 75,000 horsepower of this total and 5,000 horsepower was secured from the Welland Ship Canal plant of the Department of Transport.

In November 1941 the second of the two units at the Big Eddy development on the Muskoka river added 5,000 horsepower to the resources of the Georgian Bay system and in August 1942 the Eastern Ontario system's resources were increased by 54,000 horsepower when the new development at Barrett Chute on the Madawaska river was placed in full operation.

In 1941, by negotiating with the United States government, additional water diversion on the Niagara river was arranged, bringing the total Canadian diversion up to 50,000 cubic feet per second. This has enabled the three large generating stations of the Commission on the Niagara river to operate at maximum 24-hour output throughout the year, to the benefit of munitions production. During the year the Commission co-operated with the Quebec power companies in the utilization of any excess energy that these companies had available.

The accompanying tabulations show for the months of October and December 1941 and 1942 the primary peak loads of the co-operative systems and of the several districts of the Northern Ontario Properties. They also give similar data for the primary and secondary loads.

### Many Hydraulic Construction Activities

During the past year the sum of fifteen million dollars was expended by the Commission on new construction, making a total in excess of fifty million dollars since the outbreak of the war. Work was particularly active in connection with hydraulic structures. These included the Ogoki diversion, and the construction of a submerged weir across the Niagara river, in addition to the power development completed at Barrett Chute, the Bark lake storage dam and the development under way at DeCew Falls.

On the Ogoki diversion practically all of the hydraulic structures were completed during the year, including the main dam at Waboose rapids and the two adjacent auxiliary dams. The reservoir created by these dams will have an area of 108 square miles. The channel and control works at the height of land are also ready to pass the flow of water into South Summit lake and thence to lake Nipigon and the Great Lakes. On the improved waterway which will carry the diverted water from the height of land to lake Nipigon, certain work is still in hand, more particularly the channel improvements adjacent to the new railway bridge at Jackfish crossing near lake Nipigon. The remaining work will be completed early in the summer of 1943 when the diversion project is expected to be placed in operation for the diversion of water from the James Bay watershed to the Great Lakes system in accordance with the agreement made with the United States.

Part of the water reserved for Canadian use as a result of this diversion will be utilized in the new plant at DeCew Falls which was commenced in 1941. Good progress was made on the various hydraulic works at this new hydro-electric plant. By the end of the year work was proceeding on the intake structure, the power-house substructure, the excavation of headworks canal and tailrace and the outlet control structure at Port Dalhousie. The excavation work in connection with this new power development involved removal of a total of 1,767,000 cubic yards of earth and 333,000 cubic yards of rock.

## DISTRIBUTION OF PRIMARY POWER TO SYSTEMS

20-MINUTE PEAK HORSEPOWER—SYSTEM COINCIDENT PRIMARY PEAKS

| System | 1941 | 1942 |
|---|---|---|
| | October | |
| Niagara system (including Dominion Power and Transmission division—66-2/3 cycle) | 1,536,997 | 1,634,316 |
| Georgian Bay system | 47,273 | 45,276 |
| Eastern Ontario system | 180,650 | 176,895 |
| Thunder Bay system | 104,859 | 101,046 |
| Total—Co-operative Systems | 1,869,779 | 1,957,533 |
| Northern Ontario Properties: | | |
| Abitibi district | 185,255 | 171,180 |
| Sudbury district | 19,597 | 20,909 |
| Nipissing district | 5,791 | 5,416 |
| Manitoulin district | 504 | 464 |
| Patricia district | 15,791 | 11,059 |
| Total—Northern Ontario Properties | 226,938 | 209,028 |
| Total | 2,096,717 | 2,166,561 |
| | December | |
| Niagara system (including Dominion Power and Transmission division—66-2/3 cycle) | 1,660,991 | 1,727,212 |
| Georgian Bay system | 50,582 | 47,288 |
| Eastern Ontario system | 181,961 | 183,039 |
| Thunder Bay system | 108,633 | 108,552 |
| Total—Co-operative Systems | 2,002,167 | 2,066,091 |
| Northern Ontario Properties: | | |
| Abitibi district | 158,445 | 170,509 |
| Sudbury district | 21,692 | 21,497 |
| Nipissing district | 5,817 | 5,771 |
| Manitoulin district | 550 | 497 |
| Patricia district | 13,941 | 10,818 |
| Total—Northern Ontario Properties | 200,445 | 209,092 |
| Total | 2,202,612 | 2,275,183 |

This 25-cycle generating plant will have an initial capacity of 65,000 horsepower for the benefit of the Niagara system. The construction schedule calls for delivery of power in the early summer of 1943.

In the Eastern Ontario system, Barrett Chute development on the Madawaska river was brought to a successful completion. This plant contains two hydro-electric units, each of 27,000 horsepower capacity under a head of 150 ft. It entailed the construction of a main dam 1,200 ft. long and with a height of nearly 100 ft. The plant was completed in less than two years and both units were placed in commercial operation in August last.

## DISTRIBUTION OF PRIMARY AND SECONDARY POWER TO SYSTEMS

### 20-Minute Peak Horsepower—System Coincident Peaks

| System | 1941 | 1942 |
|---|---|---|
| | October | |
| Niagara system (including Dominion Power and Transmission division—66-2/3 cycle) | 1,682,975 | 1,676,273 |
| Georgian Bay system | 47,407 | 45,276 |
| Eastern Ontario system | 180,650 | 176,895 |
| Thunder Bay system | 128,539 | 106,716 |
| Total—Co-operative Systems | 2,039,571 | 2,005,160 |
| Northern Ontario Properties: | | |
| Abitibi district | 230,965 | 222,788 |
| Sudbury district | 19,597 | 20,909 |
| Nipissing district | 5,791 | 5,416 |
| Manitoulin district | 504 | 464 |
| Patricia district | 15,791 | 11,059 |
| Total—Northern Ontario Properties | 272,648 | 260,636 |
| Total | 2,312,219 | 2,265,796 |
| | December | |
| Niagara system (including Dominion Power and Transmission division—66-2/3 cycle) | 1,665,282 | 1,762,869 |
| Georgian Bay system | 50,582 | 47,288 |
| Eastern Ontario system | 181,961 | 183,039 |
| Thunder Bay system | 134,531 | 120,643 |
| Total—Co-operative Systems | 2,032,356 | 2,113,839 |
| Northern Ontario Properties: | | |
| Abitibi district | 224,129 | 231,501 |
| Sudbury district | 21,692 | 21,497 |
| Nipissing district | 5,817 | 5,771 |
| Manitoulin district | 550 | 497 |
| Patricia district | 13,941 | 10,818 |
| Total—Northern Ontario Properties | 266,129 | 270,084 |
| Total | 2,298,485 | 2,383,923 |

NOTE: Due to mandatory restrictions by Dominion Power Controller and voluntary savings by consumers, the peak loads both in October and December 1942 were much lower than they would otherwise have been. For fuller information, reference should be made to text and peak load diagrams of Section II, pages 4 to 29.

Bark Lake dam, which controls the supply of water to the Barrett Chute plant, was completed in March 1942. It is situated some 65 miles upstream and provides 300,000 acre feet of storage for the Barrett Chute and Calabogie plants. Additional storage of some 200,000 acre feet was made available by improvements and reconstruction of control works on a number of smaller lakes on the upper reaches of the Madawaska river.

The construction of a submerged rock weir across the Niagara river approximately half-a-mile below the intake of the Queenston-Chippawa power canal is proceeding satisfactorily. When completed the weir will be 1,450 feet in length, 40 feet wide at the top and some two to ten feet high. Rock fill placed during the year totalled 22,000 tons. It was deposited in the river by means of a cableway between steel towers, the head tower on the Canadian shore and the tail tower on an artificial island about 2,200 feet upstream from Goat island. This weir serves two purposes: it improves the conditions for the generation of power on both sides of the river and at the same time improves scenic values by contributing to a better distribution of the flow at the crest of the falls. The weir has already increased the proportion of the flow passing over the American falls and when certain auxiliary works have been constructed will make a better distribution of the remaining flow at the crest of the Canadian falls.

### Transmission Networks Extended

In addition to the electrical construction involved in the new power development at Barrett Chute, a large amount of work was carried out in connection with the various transmission and distribution networks. The scarcity of such important construction materials as steel, copper and aluminum has greatly complicated the problem of providing for the continued increasing loads of the Southern Ontario systems. The problem was to secure the maximum use of existing equipment with a minimum employment of new material. In these problems the network calculator housed in Administration building and placed in service early in 1942, has been of great value.

The process of co-ordinating and interconnecting the power facilities of the three Southern Ontario systems has continued during the year. In order to transfer surplus power that may be available from time to time in the Eastern Ontario system as a result of the Barrett Chute development, one bank of transformers of 47,000 kv-a capacity is being installed at Chats Falls adjacent to the Chats Falls frequency-changer. At a number of the power stations, including Chats Falls, Chelsea, Bryson and Barrett Chute, equipment for the control of load and frequency is being installed. This will enable more efficient use to be made of available generating capacity.

At Burlington transformer station the third 75,000-kv-a transformer bank with switching and control equipment is expected to be ready for service early in 1943.

The new 50,000-kv-a transformer station at Toronto Esplanade was placed in service in March 1942. Transformer stations of 8,000-kv-a were placed in service at Palmerston and St. Catharines.

In the Georgian Bay system the change in transmission voltage from 22,000 to 38,000 volts over most of the system was completed and has materially improved operating conditions and decreased power losses.

In all systems much additional equipment and many extensions to distribution lines were required to serve additional loads almost entirely for war work. These included air training schools, military camps, ammunition factories, arsenals, electric furnaces and mines.

### St. Lawrence and Ottawa Rivers

In last year's Annual Report, reference was made to the execution of agreements, dated March 19th, 1941, between Canada and the United States and between Canada and Ontario, providing for the development of navigation and power in the Great Lakes-St. Lawrence basin, and it was noted that these agreements would not be effective until they received proper legislative sanction. Attention was directed to the delay in legislative action and to the unfortunate consequences of that delay. Uncertainty as to whether or not the St. Lawrence project would be launched continued until the spring of 1942 and this uncertainty, in conjunction with the Commission's commitment for nearly $90,000,000 under the St. Lawrence agreement, continued to restrain the Commission from undertaking another major power development elsewhere.

When at last it became apparent that the St. Lawrence project could not be counted upon to go forward in the early future, the Commission turned to the interprovincial Ottawa river as a source of power. The Provincial Government authorized the Chairman of this Commission to act as the representative of the Province of Ontario and negotiate an agreement with the Government of Quebec on a basis which would be satisfactory to the Commission. Discussions in which representatives of the Province of Ontario, the Province of Quebec, The Hydro-Electric Power Commission of Ontario, and the Quebec Streams Commission, the parties to the proposed agreement, took part, were carried on during the remainder of 1942, and by the end of the calendar year the problems had been resolved and an agreement acceptable to all parties was nearly ready for signature.*

Broadly, the agreement allocates to each of the provinces of Ontario and Quebec, for their exclusive use in so far as power development is concerned, certain power sites on the Ottawa river. The sites assigned will enable each province to develop at locations well suited to their respective needs approximately equal amounts of power from this great interprovincial river.

The largest site to be allocated to Ontario is that at Des Joachims where, under a head of 135 feet, an initial development of about 300,000 horsepower is practicable, with an ultimate installation of possibly 400,000 horsepower.

### Increased Industrial Activity

During 1942 the industrial cities of southwestern Ontario served by the Niagara system experienced a substantial increase in war industry loads. These increases, except in a few instances, were not due to service being given to new types of industries, but rather to an extension of facilities serving industries already established. These included electro-chemical and electro-metallurgical industries, steel production facilities, aircraft assembly plants, and plants manufacturing aircraft parts in many sections of the Province. Some increases were due to bringing into production facilities previously created for the manufacture of anti-aircraft and field artillery.

The expansion of these facilities has had a stimulating effect on such allied activities as the production of coke, special forms of steel, non-ferrous alloys and other products. In one city served by the Niagara system six large electric arc furnaces for the production of steel were installed.

---

*The Ottawa river power sites agreement was executed in January, 1943, and ratified by the Ontario Legislature in February.

Although the Georgian Bay system includes no large cities, there are many important war production plants, including shipbuilding yards and airforce stations; there are also important training camps in the area served. One industry that has assumed Canada-wide importance is the manufacture of bronze propellers for the expanding shipbuilding programme. These are now being made in a city served by the Georgian Bay system.

The completion of the Barrett Chute development placed the Eastern Ontario system in a satisfactory position with respect to power supplies. Unexpectedly large increases in the demands for power by industries in some localities and the starting up of new industries in other districts presented a number of urgent distribution problems, involving the speedy construction of line extensions and provision of additional capacity for lines and transformer stations. These changes to meet war loads have all had to be carried out under the handicap of diminished supplies of material. This involved close co-operation with the Metals Controller of Canada.

The important aluminum fabricating plant established some two years ago in an eastern Ontario city is turning out castings and extruded shapes in large volume. This plant is equipped with large electric annealing ovens. Another new industry in eastern Ontario is the production of magnesium from dolomite by electric furnace methods. Magnesium has become an important partner of aluminum in aircraft manufacture and Canada is now able to supply her own requirements and produces a sizeable surplus for export.

The Thunder Bay system's war activities include the supply of power for shipbuilding and airplane construction. Improved stream flow enabled the Commission to increase the sale of secondary power to the pulp and paper industry.

In connection with the Northern Ontario Properties, there was a net reduction in power demands as compared with the previous year. This was due in part to mines closing down on account of exhausted ore bodies, but chiefly to suspension or curtailment of operations due to war conditions. On the other hand, increased quantities of power were demanded for the production of nickel.

### Rural Construction

In 1942 the Commission was unable to undertake large rural extensions due to the necessity of conserving construction material for war purposes. Some extensions were made to serve new houses in areas adjacent to war production centers, and of course service was given when required in connection with war industries in rural districts. The average power sold to rural consumers, including war industries in rural areas, increased during 1942 by 6.5 per cent. This is a smaller increase than in recent years and is due not only to decreased construction, but to restriction in the use of power as ordered by the Dominion Power Controller, and to voluntary conservation by many consumers.

### Research

The research work in the Commission laboratories was on a somewhat reduced scale owing to the transfer of several of the staff at the request of the government for vital war research work elsewhere. The problems dealt with in the laboratories at Toronto have included the search for substitutes for scarce materials and the study of means for combating the deterioration of materials employed in electrical and other equipment. Several direct contributions to the war effort were made by co-operation with government departments, the armed services, and electrical manufacturers. Inspection of electrical material required by the Army and Navy has also formed part of the activities of the laboratories.

### Capital Investment

The total capital investment of The Hydro-Electric Power Commission of Ontario in power undertakings is $354,867,278.27 exclusive of government grants in respect of construction of rural power districts' lines ($19,085,198.62); and the investment of the municipalities in distributing systems and other assets is $128,465,747.17, making in power undertakings a total investment of $483,333,025.44.

The following statement shows the capital invested in the respective systems, districts and municipal undertakings, etc.:

| | |
|---|---|
| Niagara system (including Hamilton street railway) | $241,291,812.85 |
| Georgian Bay system | 14,306,427.24 |
| Eastern Ontario system | 31,432,967.17 |
| Thunder Bay system | 20,020,571.02 |
| Office and service buildings | 3,690,275.28 |
| Construction plant and inventories | 3,955,518.62 |
| Total capital investments in co-operative systems | $314,697,572.18 |
| Northern Ontario Properties—Operated by H-E.P.C. on behalf of the Province of Ontario | 39,968,679.79 |
| Northern Ontario Properties—Construction plant and inventories | 201,026.30 |
| Total Commission capital investments | $354,867,278.27 |
| Municipalities' distribution systems | 102,086,459.14 |
| Other assets of municipal Hydro utilities | 26,379,288.03 |
| Total | $483,333,025.44 |

### Reserves of Commission and Municipal Electrical Utilities

The total reserves of the Commission and the municipal electric utilities for depreciation, contingencies, stabilization of rates, sinking fund and insurance purposes, amount to $289,473,995.81, made up as follows:

| | |
|---|---|
| Niagara system (including Hamilton street railway) | $125,698,318.65 |
| Georgian Bay system | 7,064,329.34 |
| Eastern Ontario system | 14,661,141.54 |
| Thunder Bay system | 10,032,708.44 |
| Office and service buildings and equipment | 1,353,272.57 |
| Total reserves in respect of co-operative systems' properties | $158,809,770.54 |
| Northern Ontario Properties | 14,086,991.46 |
| Fire insurance reserve | 106,688.28 |
| Miscellaneous reserves | 439,125.81 |
| Employers' liability insurance, and staff pension reserves | 9,062,135.14 |
| Total reserves of the Commission | $182,504,711.23 |
| Total reserves and surplus of municipal electric utilities | 106,969,284.58 |
| Total Commission and municipal reserves | $289,473,995.81 |

### Financial Operating Results for 1942

Revenues of the Commission continued to reflect the progressive adaptation of industry to war requirements. Power supplied by the Commission to large industries served by it on behalf of the Niagara and other Southern Ontario systems yielded about $3,000,000 more revenue than in 1941. During the early part of the year there was a substantial increase in the revenue from municipalities and customers in rural power districts.

In the last month of the fiscal year, however, the municipalities actually used less power than in the same month of the previous year. This resulted in some decrease of revenue for this month as compared with the same month last year. Altogether, the balance available for reserves is somewhat greater than in 1941.

The revenues of the Northern Ontario Properties from gold mining consumers were less than in 1941 to an extent that was not fully offset by increased revenues from other sources. The Properties, however, were in a position to make adequate provision for reserves.

### Revenue of Commission

The revenue of the Commission at interim rates from the municipal utilities operating under cost contracts, from customers in rural power districts and from other customers with whom—on behalf of the municipalities—the Commission has special contracts, all within the Niagara, Georgian Bay, Eastern Ontario and Thunder Bay systems, aggregated $48,590,812.66. The revenue of the Commission from customers served by the Northern Ontario Properties, which are held and operated in trust for the Province, was $5,156,247.18, making a total of $53,747,059.84.

Summarized operating results of these co-operative systems and rural power districts and of the Northern Ontario Properties, follow:

### SUMMARIZED OPERATING RESULTS
### OF THE
### NIAGARA, GEORGIAN BAY, EASTERN ONTARIO AND THUNDER BAY SYSTEMS

| | | | |
|---|---|---|---|
| Revenue: amount received from or billed against municipalities and other customers | | $43,244,318.65 | |
| Revenue from customers in rural power districts | | 5,346,494.01 | |
| Total revenue, systems and rural | | | $48,590,812.66 |
| Operation, maintenance, administration, interest and other current expenses | | $32,364,624.11 | |
| Provision for reserves— | | | |
| Renewals | $2,559,849.65 | | |
| Contingencies and obsolescence | 7,386,166.76 | | |
| Stabilization of rates | 2,558,571.73 | | |
| Sinking fund | 3,037,120.41 | | |
| | | 15,541,708.55 | |
| | | | 47,906,332.66 |
| Balance | | | $ 684,480.00 |

### SUMMARIZED OPERATING RESULTS

### OF THE

### NORTHERN ONTARIO PROPERTIES

Held and operated by The Hydro-Electric Power Commission of Ontario
In trust for the Province of Ontario

| | | | |
|---|---|---|---|
| Revenue: amount received from or billed against municipalities and other customers | | | $ 5,156,247.18 |
| Operation, maintenance, administration, interest and other current expenses | | $ 2,688,261.30 | |
| Provision for reserves— | | | |
| Renewals | $ 338,292.43 | | |
| Contingencies and obsolescence | 387,266.85 | | |
| Sinking fund | 1,131,092.19 | | |
| | | $ 1,856,651.47 | |
| | | | 4,544,912.77 |
| Balance | | | $ 611,334.41 |

## COMPARATIVE FINANCIAL STATEMENTS RESPECTING THE SYSTEMS OF THE COMMISSION

### NIAGARA SYSTEM

| | 1941 | 1942 |
|---|---|---|
| | $ c. | $ c. |
| OPERATING EXPENSES AND FIXED CHARGES | | |
| Power purchased | 7,780,692.51 | 9,651,968.72 |
| Operation, maintenance and administration | 5,130,939.35 | 5,724,945.27 |
| Interest | 10,136,550.91 | 10,619,781.74 |
| Provision for renewals | 1,743,493.19 | 1,850,738.54 |
| Provision for contingencies and obsolescence | 5,303,314.71 | 6,382,630.48 |
| Provision for stabilization of rates | 1,835,247.20 | 1,957,590.60 |
| Sinking fund | 2,335,878.57 | 2,404,449.96 |
| TOTAL COST OF POWER | 34,266,116.44 | 38,592,105.31 |
| REVENUE from municipalities at interim rates, from rural consumers and from private customers under contract rates | 34,813,827.49 | 39,167,849.65 |
| Net balance credited to municipalities under cost contracts | 547,711.05 | 575,744.34 |

## COMPARATIVE FINANCIAL STATEMENTS RESPECTING THE SYSTEMS OF THE COMMISSION

### GEORGIAN BAY SYSTEM

| | 1941 | 1942 |
|---|---|---|
| | $ c. | $ c. |
| Operating Expenses and Fixed Charges | | |
| Power purchased | 151,543.77 | 83,812.29 |
| Operation, maintenance and administration | 573,612.85 | 690,858.26 |
| Interest | 543,010.44 | 600,387.42 |
| Provision for renewals | 177,086.98 | 192,533.41 |
| Provision for contingencies and obsolescence | 222,236.76 | 239,104.86 |
| Provision for stabilization of rates | 150,864.80 | 117,695.40 |
| Sinking fund | 131,321.22 | 147,875.97 |
| TOTAL COST OF POWER | 1,949,676.82 | 2,072,267.61 |
| REVENUE from municipalities at interim rates, from rural consumers and from private customers under contract rates | 1,964,178.19 | 2,051,429.63 |
| Net balance credited (or charged) to municipalities under cost contracts | 14,501.37 | (20,837.98) |

### EASTERN ONTARIO SYSTEM

| | 1941 | 1942 |
|---|---|---|
| | $ c. | $ c. |
| Operating Expenses and Fixed Charges | | |
| Power purchased | 1,113,892.68 | 1,247,460.09 |
| Operation, maintenance and administration | 1,046,413.90 | 1,272,395.97 |
| Interest | 1,083,655.65 | 1,123,980.52 |
| Provision for renewals | 324,269.78 | 351,439.05 |
| Provision for contingencies and obsolescence | 349,889.12 | 468,847.64 |
| Provision for stabilization of rates | 435,180.40 | 346,051.50 |
| Sinking Fund | 260,226.79 | 286,511.33 |
| TOTAL COST OF POWER | 4,613,528.32 | 5,096,686.10 |
| REVENUE from municipalities at interim rates, from rural consumers and from private customers under contract rates | 4,711,338.41 | 5,196,082.88 |
| Net balance credited to municipalities under cost contracts | 97,810.09 | 99,396.78 |

### THUNDER BAY SYSTEM

| | 1941 | 1942 |
|---|---|---|
| | $ c. | $ c. |
| Operating Expenses and Fixed Charges | | |
| Operation, maintenance and administration | 335,698.19 | 370,312.93 |
| Interest | 970,641.64 | 978,720.90 |
| Provision for renewals | 164,722.38 | 165,138.65 |
| Provision for contingencies and obsolescence | 234,144.07 | 295,583.78 |
| Provision for stabilization of rates | 180,053.97 | 137,234.23 |
| Sinking fund | 198,319.23 | 198,283.15 |
| TOTAL COST OF POWER | 2,083,579.48 | 2,145,273.64 |
| REVENUE from municipalities at interim rates, from rural consumers and from private customers under contract rates | 2,106,746.30 | 2,175,450.50 |
| Net balance credited to municipalities under cost contracts | 23,166.82 | 30.176.86 |

### MUNICIPAL ELECTRIC UTILITIES

The following is a summary of the year's operation of the local electric utilities conducted by municipalities receiving power under cost contracts with the Commission:

| | | |
|---|---|---|
| Total revenue collected by the municipal electric utilities | | $ 41,734,175.03 |
| Cost of power | $26,038,381.60 | |
| Operation, maintenance and administration | 6,450,234.44 | |
| Interest | 959,236.66 | |
| Sinking fund and principal payments on debentures | 1,987,432.58 | |
| Depreciation and other reserves | 3,512,875.82 | |
| Total | | 38,948,161.10 |
| Surplus | | $ 2,786,013.93 |

With regard to the local Hydro utilities operating under cost contracts, the following statements summarize for each of the four co-operative systems administered by the Commission, the financial status and the year's operations as detailed in Section X of the Report.

### NIAGARA SYSTEM

The total plant assets of the Niagara system utilities amount to $84,899,411.27. The total assets, including an equity in the H-E.P.C. of $49,494,317.80, aggregate $155,402,862.12. The reserves and surplus accumulated in connection with the local utilities, exclusive of the equity in the H-E.P.C., amount to $87,160,135.69, an increase of $5,814,348.28 during the year 1942. The percentage of net debt to total assets is 12.7 a reduction of 2.7 per cent.

The total revenue of the municipal electric utilities served by this system was $34,595,805.87, an increase of $1,547,182.01 as compared with the previous year. After meeting all expenses in respect of operation, including interest setting up the standard depreciation reserve amounting to $2,374,355.22 and providing $1,854,058.37 for the retirement of instalment and sinking fund debentures, the total net surplus for the year for the municipal electric utilities served by the Niagara system amounted to $2,386,199.16 as compared with $2,053,468.26 the previous year.

### GEORGIAN BAY SYSTEM

The total plant assets of the Georgian Bay system utilities amount to $3,127,888.72. The total assets, including an equity in the H-E.P.C. of $1,847,051.18, aggregate $5,523,041.57. The reserves and surplus accumulated in connection with the local utilities, exclusive of the equity in H-E.P.C., amount to $3,393,981.96, an increase of $143,882.23 during the year 1942. The percentage of the net debt to total assets is 7.7, a reduction of 2.2 per cent.

The total revenue of the municipal electric utilities served by this system was $1,477,673.87, an increase of $49,773.46 as compared with the previous year. After meeting all expenses in respect of operation, including interest, setting up the standard depreciation reserve amounting to $103,059.89 and providing $35,957.25 for the retirement of instalment and sinking fund debentures, the total net surplus for the year for the municipal electric utilities served by the Georgian Bay system amounted to $16,037.59, as compared with a loss of $6,372.94 the previous year.

### Eastern Ontario System

The total plant assets of the Eastern Ontario system utilities amount to $9,905,923.39. The total assets, including an equity in the H-E.P.C. of $2,726,778.32, aggregate $16,084,574.10. The reserves and surplus accumulated in connection with the local utilities, exclusive of the equity in H-E.P.C., amount to $11,665,238.04, an increase of $779,455.23 during the year 1942. The percentage of net debt to total assets is 7.1, a reduction of 1.7 per cent.

The total revenue of the municipal electric utilities served by this system was $4,585,556.23, an increase of $170,966.67 as compared with the previous year. After meeting all expenses in respect of operation, including interest, setting up the standard depreciation reserve amounting to $282,688.00 and providing $91,198.43 for the retirement of instalment and sinking fund debentures, the total net surplus for the year for the municipal electric utilities served by the Eastern Ontario system amounted to $272,528.69 as compared with $340,619.93 the previous year.

### Thunder Bay System

The total plant assets of the Thunder Bay system utilities amount to $2,718,422.93. The total assets, including an equity in the H-E.P.C. of $3,012,344.47, aggregate $6,696,647.33. The reserves and surplus acculu-lated in connection with the local utilities, exclusive of the equity in H-E.P.C., amount to $3,327,783.80, a decrease of $58,516.12 during the year 1942. The percentage of net debt to total assets is 7.1, a reduction of 3.9 per cent.

The total revenue of the municipal electric utilities served by this system was $1,075,139.06, a decrease of $357,021.36 as compared with the previous year. After meeting all expenses in respect of operation, including interest, setting up the standard depreciation reserve amounting to $55,193.48 and providing $6,218.53 for the retirement of instalment and sinking fund debentures, the total net surplus for the year for the municipal electric utilities served by the Thunder Bay system amounted to $111,248.49, as compared with $8,250.82 for the previous year.

The decrease in revenue of the local utilities of the Thunder Bay system in 1942 is due to the fact that in this year the Commission took over as system loads, the loads of the paper mills formerly served by the Port Arthur Public Utilities Commission.

* * *

In these strenuous war years the Commission is reaping the benefit of the sound policies followed in the past. The practice of adhering to rigid specifications calling for a high standard of construction and equipment in its generating stations and transmission and distribution networks has ensured a physical plant remarkably free from major breakdowns and minor troubles. In wartime this provides a margin of safety which gives dependable service under greatly increased loads.

The freedom given the Commission from the very beginning to decide the internal form of its organization and to appoint its employees, has enabled it to build up a technical staff of high calibre and to secure a continuity of technical administration essential to trouble-free operation.

The Hydro enterprise as a whole enjoys many of the advantages which come from centralized control combined with local independence and freedom of action. During the past year there have been the customary opportunities for personal contacts and interchange of views between the Commission and the officials of the municipal Hydro utilities, and the most cordial co-operative spirit has prevailed. My colleagues, Hon. William L. Houck and Mr. J. Albert Smith, join me in this acknowledgment of the support given by the local bodies, by the general public and by the Press of the Province throughout the third year of war.

Up to the end of 1942 more than 800 employees of the Commission left to join the armed forces. In meeting the situation, the Commission has been assisted by the employment of a large number of women and girls, and by the loyal co-operation of the remaining employees in undertaking further responsibilities.

Again I am able to record that all demands for Hydro power for war industries have been met. Conservation and economy in the less essential uses must, however, continue to be our watchword. With these assured, Hydro power will stand firmly behind the very important contribution Ontario is making to Canada's war effort.

Respectfully submitted,

T. H. Hogg,

*Chairman*

TORONTO, ONTARIO, MARCH 31, 1943.

T. H. HOGG, ESQ., B.A.SC., C.E., D.ENG.,

*Chairman, The Hydro-Electric Power Commission of Ontario,*
*Toronto, Ontario.*

Sir:

I have the honour to submit, herewith, the Thirty-Fifth Annual Report of The Hydro-Electric Power Commission of Ontario for the fiscal year which ended October 31, 1942. This report covers the operations of the Commission with regard to the supply of power to, or on behalf of, the partner Municipalities of the several Co-operative Systems, as well as the administration of the Northern Ontario Properties, which are held and operated by the Commission in trust for the Province of Ontario.

I have the honour to be, Sir,

Your obedient servant,

OSBORNE MITCHELL,
*Secretary*

## CONTENTS

SECTION PAGE

Foreword and Guide to the Report - xxv
I. Legal - 1
Right-of-way and Property - 2

II. Operation of the Systems:

General - 4
Niagara system - 5
Georgian Bay system - 15
Eastern Ontario system - 19
Thunder Bay system - 23
Northern Ontario Properties - 24

III. Municipal Work:

Niagara system - 30
Georgian Bay system - 33
Eastern Ontario system - 34
Thunder Bay system - 35
Northern Ontario Properties - 36

IV. Rural Electrical Service - 37
Table of Rural Rates - 46

V. Promotional and War Services - 52

VI. Hydraulic Engineering and Construction:

General - 55
Niagara system - 55
Georgian Bay system - 59
Eastern Ontario system - 61
Northern Ontario Properties - 65

VII. Electrical Engineering and Construction:

General - 66
Niagara system - 67
Georgian Bay system - 69
Eastern Ontario system - 70
Northern Ontario Properties - 71
Tabulation of Transformer Changes - 71
Total Mileage Transmission Lines (Table) - 73
Transmission Line Changes and Additions - 74
Telephone Lines—All systems - 78
Distribution Lines and systems - 79

SECTION PAGE

VIII. TESTING, RESEARCH, INSPECTION, PRODUCTION AND SERVICE - - - - - - 80

ELECTRICAL INSPECTION - - - - - - - - - - - - - 88

IX. FINANCIAL STATEMENTS RELATING TO PROPERTIES OPERATED BY THE COMMISSION:

EXPLANATORY STATEMENT - - - - - - - - - - - - 91

CO-OPERATIVE SYSTEMS AND PROPERTIES:

BALANCE SHEET - - - - - - - - - - - - - - 98

STATEMENT OF OPERATIONS AND COST OF POWER - - - - - - - - 100

SCHEDULES SUPPORTING THE BALANCE SHEET - - - - - - - - 102

STATEMENTS FOR MUNICIPALITIES RECEIVING POWER UNDER COST CONTRACTS:

NIAGARA SYSTEM - - - - - - - - - - - - - 118

GEORGIAN BAY SYSTEM - - - - - - - - - - - - - 142

EASTERN ONTARIO SYSTEM - - - - - - - - - - - 152

THUNDER BAY SYSTEM - - - - - - - - - - - - - 162

NORTHERN ONTARIO PROPERTIES:

BALANCE SHEET - - - - - - - - - - - - - - 166

OPERATING ACCOUNT - - - - - - - - - - - - - 168

SCHEDULES SUPPORTING THE BALANCE SHEET - - - - - - - 170

THE HAMILTON STREET RAILWAY COMPANY - - - - - - - - 173

X. MUNICIPAL ACCOUNTS AND STATISTICAL DATA:

EXPLANATORY STATEMENT - - - - - - - - - - - 177

CONSOLIDATED BALANCE SHEET - - - - - - - - - - - 180

CONSOLIDATED OPERATING REPORT - - - - - - - - - 187

STATEMENT A—BALANCE SHEETS - - - - - - - - - - 194

STATEMENT B—DETAILED OPERATING REPORTS - - - - - - - 246

STATEMENT C—RESPECTING STREET LIGHTS - - - - - - - - 298

STATEMENT D—COMPARATIVE REVENUE, CONSUMPTION, NUMBER OF CONSUMERS, AVERAGE MONTHLY BILL, NET COST PER KILOWATT-HOUR, ETC. - 300

STATEMENT E—COST OF POWER TO MUNICIPALITIES AND RATES TO CONSUMERS FOR DOMESTIC, COMMERCIAL LIGHTING AND POWER SERVICE - - - - 318

APPENDIX I ACTS - - - - - - - - - - - - - - - - 336

INDEX - - - - - - - - - - - - - - - - - - - - 359

## ILLUSTRATIONS

PAGE

CONTROL SECTION OF BARK LAKE DAM, MADAWASKA RIVER – – – – – – Frontispiece

ADVERTISEMENTS USED IN CONSERVATION PROGRAMME – – – – – – – – – 53

DECEW FALLS EXCAVATION FOR GENERATING STATION – – – – – – – – – 57

OGOKI DIVERSION PROJECT:

WABOOSE DAM AND CONSTRUCTION CAMP – – – – – – – – – 58

NEW BRIDGE OVER LITTLE JACKFISH RIVER – – – – – – – – – – 59

BARRETT CHUTE DEVELOPMENT, MADAWASKA RIVER:

POWER CANAL BEFORE ADMISSION OF WATER – – – – – – – – – 62

CONTROL SLUICES AT ENTRANCE TO POWER CANAL – – – – – – – – 63

GENERAL VIEW OF POWER HOUSE – – – – – – – – – – – 63

BARK LAKE DAM, MADAWASCA RIVER:

DAM UNDER CONSTRUCTION – – – – – – – – – – – – – 64

UPSTREAM FACE OF COMPLETED DAM – – – – – – – – – – – 65

HIGH-VOLTAGE TRANSMISSION LINES:

DOUBLE-CIRCUIT, 110,000-VOLT STEEL-TOWER LINE – – – – – – – – 67

DOUBLE-CIRCUIT, 220,000-VOLT STEEL-TOWER LINE – – – – – – – – 67

SINGLE-CIRCUIT, 110,000-VOLT WOOD-POLE LINE – – – – – – – – – 69

BARRETT CHUTE DEVELOPMENT, MADAWASKA RIVER:

GENERATING STATION AND SWITCH STRUCTURES FROM UPPER ROAD – – – – 70

RADIOGRAPHIC EXAMINATION OF MATERIALS—X-RAY TUBE ASSEMBLY – – – – – 85

SHEAR STRENGTH OF SOILS—PNEUMATIC TESTING MACHINE – – – – – – – 86

PERMEABILITY OF SOILS—TWO PERMEAMETERS FOR MEASURING SEEPAGE CAPACITY – – 87

## DIAGRAMS

PAGE
Thirty Years Record—Capital investment and reserves, all systems - - - xxvii
Thirty Years Record—Provincial advances and funded debt - - - - - - xxix
Thirty Years Record—Power resources and loads, Niagara system - - - - xxxi
Thirty Years Record—Assets and liabilities of "Hydro" utilities - - - - xxxii
Thirty Years Record—Revenues of "Hydro" utilities - - - - - - - xxxiii
All Systems Combined—Peak loads, 1930 to 1942 - - - - - - - - 5
Niagara System—Peak loads, 1910 to 1942 - - - - - - - - - - 9
Georgian Bay System—Peak loads, 1920 to 1942 - - - - - - - - 16
Eastern Ontario System—Peak loads, 1920 to 1942 - - - - - - - - 19
Thunder Bay System—Peak loads, 1920 to 1942 - - - - - - - - 23

Northern Ontario Properties:

Abitibi District—Peak loads, 1931 to 1942 - - - - - - - - - 25
Sudbury District—Peak loads, 1930 to 1942 - - - - - - - - 26
Nipissing District—Peak loads, 1920 to 1942 - - - - - - - - 27
Patricia District—Peak loads, 1930 to 1942 - - - - - - - - 28

Rural Power Districts:

Mileage of primary lines approved, 1921 to 1942 - - - - - - - - 38
Aggregate peak loads, 1921 to 1942 - - - - - - - - - - 39
Big Eddy Development—Muskoka River - - - - - - - - - - 60
Barrett Chute Development—Madawaska River - - - - - - - - 61
Cost of Electrical Service in Municipalities served by The Hydro-Electric Power Commission - - - - - - - - - - - - - - - 301

## MAPS

Transmission Lines and Stations of The Hydro-Electric Power Commission of Ontario - - - - - - - - - - - - - - At end of volume
Transmission Lines and Stations of the Northern Ontario Properties At end of volume

## THIRTY-FIFTH ANNUAL REPORT
## OF
# The Hydro-Electric Power Commission of Ontario

## FOREWORD
## and
## Guide to the Report

THE Hydro-Electric Power Commission of Ontario administers a co-operative municipal-ownership enterprise, supplying power throughout the Province of Ontario. The Commission was created in 1906 by special act of the Legislature and followed investigations by advisory commissions appointed as a result of public agitation to conserve the water powers of Ontario as a valuable asset of the people and to provide a more satisfactory supply of low-cost power in southern Ontario. In 1907 the Power Commission Act (7-Edward VII Ch. 19) was passed amplifying and extending the Act of 1906, and this Act—modified by numerous amending acts which now form part of the Revised Statutes of Ontario, 1937, Chap. 62, and subsequent amending Acts—constitutes the authority under which the Commission operates.

The Hydro-Electric Power Commission of Ontario consists of a Chairman and two Commissioners, all of whom are appointed by the Lieutenant-Governor-in-Council to hold office during pleasure. One of the Commissioners must be a member of the Excutive Council and two may be members.

In 1909, work was commenced on a comprehensive transmission system and by the end of 1910 power was being supplied to several municipalities.

The Commission has now been supplying electrical energy for more than thirty-two years and the Report contains diagrams depicting the growth of the enterprise. During this period the costs of electricity to the consumer have been substantially reduced and the finances of the enterprise have been established on a secure foundation.

At the end of 1942 the Commission was serving 902 municipalities in Ontario. This number included 26 cities, 105 towns, 304 villages and police villages and 467 townships. With the exception of 14 suburban sections of townships known as "voted areas", the townships and 121 of the smaller villages are served as parts of 120 rural power districts.

### Financial Features of Co-operative Systems

The basic principle governing the financial operations of the undertaking is, that electrical service be given by the Commission to the municipalities and by the municipalities to the ultimate consumers at cost. Cost includes not only all operating and maintenance charges, interest on capital investment and reserve for renewals or depreciation, for obsolescence and contingencies, and for stablization of rates, but also a reserve for sinking fund or capital payments on debentures.

The undertaking from its inception has been entirely self-supporting and no contributions have been made from general taxes except in connection with service in rural power districts. In this case, the Province, in pursuance of its long established policy of assisting agriculture and with the approval of the urban citizens, assists extension of rural electrical service by a grant-in-aid of the capital cost and in other ways as specified and detailed in the Report.

As the principle of "service at cost" is radically different from that obtaining in private organizations, where profit is the governing feature, it naturally results in different and in some ways unique administrative features.

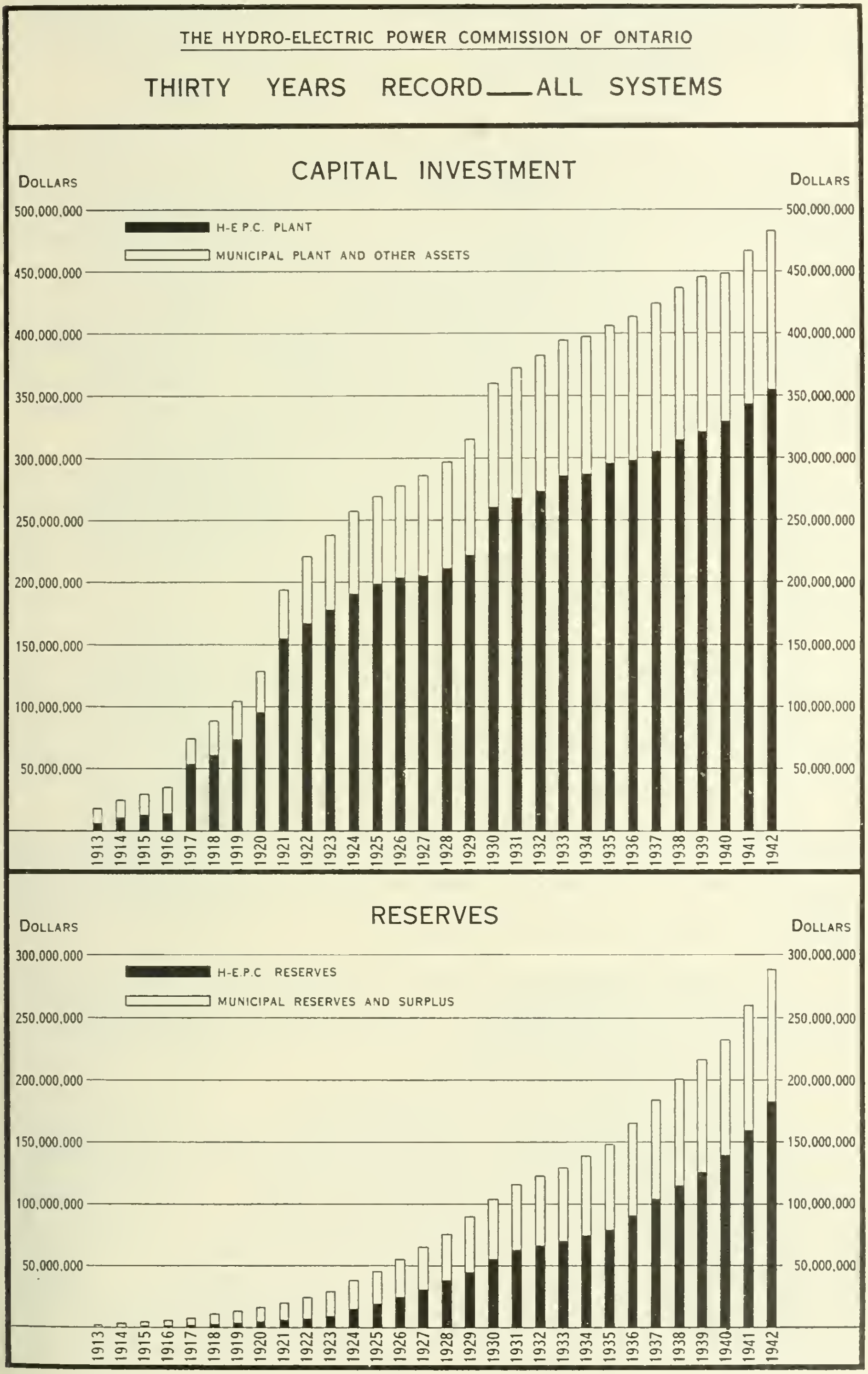
The undertaking as a whole involves two distinct phases of operations as follows:

The *First* phase of operations is the provision of the electrical power—either by generation or purchase—and its transformation, transmission and delivery in *wholesale* quantities to individual municipal utilities, to large industrial consumers, and to rural power districts. This phase of the operations is performed by The Hydro-Electric Power Commission of Ontario as trustee for the municipalities acting collectively in groups or "systems", and the financial statements relating to these collective activities of the municipalities are presented in Section IX of the Report. Each system of municipalities, as provided in *The Power Commission Act*, forms an independent financial unit and the accounts are therefore segregated and separately presented for each system. In order, however, that there may be a comprehensive presentation of the co-operative activities of the undertaking as a whole, there are presented, in addition, for the four main systems and miscellaneous co-operative activities, a balance sheet of assets and liabilities, a statement of cost distributions, a tabulation of fixed assets, and summary combined statements respecting the various reserves.

The *Second* phase of operations is the *retail* distribution of electrical energy to consumers within the limits of the areas served by the various municipal utilities and rural power districts. In the case of rural power districts which usually embrace portions of more than one township, The Hydro-Electric Power Commission not only provides the power at wholesale, but also—on behalf of the respective individual townships—attends to all physical and financial operations connected with the distribution of energy at retail to the consumers within the rural power districts. Summary financial statements relating to the rural power districts are also presented in Section IX of the Report, and a general report on their operation is given in Section IV.

In the case of cities, towns, many villages and certain thickly populated areas of townships, retail distributuon of electrical energy provided by the Commission is in general conducted by individual local municipal utility commissions under the general supervision of The Hydro-Electric Power Commission of Ontario. The balance sheets, operating reports and statistical data relating to the individual urban electrical utilities are presented in Section X of the Report. . .

For the Northern Ontario Properties held and operated by the Commission in trust for the Province there are also presented in Section IX financial statements including a balance sheet, an operating account, and statements respecting reserves and capital expenditures.


THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO
THIRTY YEARS RECORD — ALL SYSTEMS
CAPITAL INVESTMENT
DOLLARS
DOLLARS
H-E.P.C. PLANT
MUNICIPAL PLANT AND OTHER ASSETS
500,000,000
450,000,000
400,000,000
350,000,000
300,000,000
250,000,000
200,000,000
150,000,000
100,000,000
50,000,000
1913
1914
1915
1916
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1930
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1932
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1934
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1936
1937
1938
1939
1940
1941
1942
RESERVES
DOLLARS
DOLLARS
H-E.P.C RESERVES
MUNICIPAL RESERVES AND SURPLUS
300,000,000
250,000,000
200,000,000
150,000,000
100,000,000
50,000,000
1913
1914
1915
1916
1917
1918
1919
1920
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1922
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1927
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1932
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1936
1937
1938
1939
1940
1941
1942

Further details respecting administration and explanations of the financial tables presented in the Report are given in the introductions to sections IX and X on pages 91 and 177.

### Co-operative Systems Operating

From time to time in accordance with provisions in *The Power Commission Act* various groups of municipalities have been co-ordinated to form systems for the purpose of obtaining power supplies from convenient sources. In some cases these small systems grew until their transmission lines interlocked with those of adjacent systems and it proved beneficial to consolidate the transmission networks and the financial and administrative features. In the well settled parts of the Province, known as Old Ontario, this process has now reached a more stable condition and the municipalities of the southern part of the Province are now combined in three systems: the Niagara system, the Georgian Bay system and the Eastern Ontario system. One other system of partnership municipalities is known as the Thunder Bay system.

*The Niagara System* is the largest and most important system. It embraces municipalities in all the territory between Niagara Falls, Hamilton and Toronto on the east and Winsdor, Sarnia and Goderich on the west. It is served with electrical energy generated at plants on the Niagara river, supplemented with power transmitted from generating plants on the Ottawa river and with power purchased from Quebec companies.

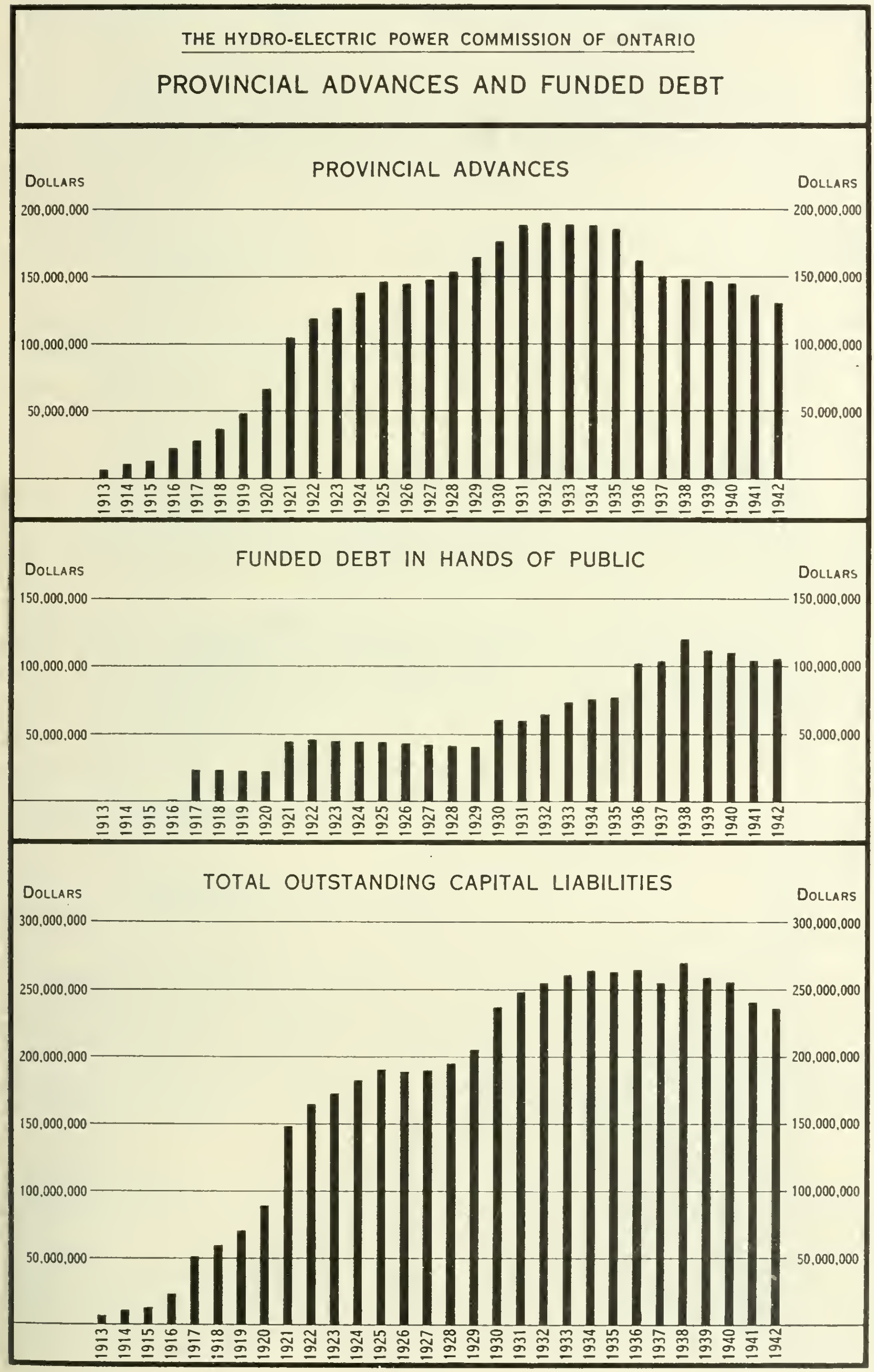
*The Georgian Bay System* comprises municipalities in that part of the Province which surrounds the southern end of Georgian Bay and lies to the north of the territory served by the Niagara system. It includes the districts surrounding lake Simcoe and extends as far north as Huntsville in the Lake of Bays district and south to Port Perry. Its power supplies are derived chiefly from local water power developments.

*The Eastern Ontario System* serves all of Ontario east of the areas comprising the Georgian Bay and the Niagara systems. In includes the districts of Central Ontario, St. Lawrence, Rideau, Ottawa and Madawaska; formerly separate systems. Its power supplies are from local developments supplemented by purchases from other sources.

*The Thunder Bay System* comprises the cities of Port Arthur and Fort William, adjacent rural sections, the village of Nipigon, and the mining district of Longlac. Two developments on the Nipigon river supply power.

### Northern Ontario Properties

In addition to its operations on behalf of the partner municipalities, the Commission, under an agreement with the Province, holds and operates the Northern Ontario Properties in trust for the Province. For the purposes of financial administration these properties are treated as one unit. The Northern Ontario Properties lie in the portion of the Province north of lake Nipissing and French River areas, exclusive of the territory served by the Thunder Bay system. The principal areas in this vast territory at present receiving service are the *Abitibi District* comprising the territory served by 25-cycle power from the Abitibi Canyon development, together with a small area in the southern portion of the district of Sudbury in which mining



THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

PROVINCIAL ADVANCES AND FUNDED DEBT

PROVINCIAL ADVANCES

FUNDED DEBT IN HANDS OF PUBLIC

TOTAL OUTSTANDING CAPITAL LIABILITIES

properties are served with 60-cycle power; the *Sudbury District* comprising the city of Sudbury and the adjoining mining area known as Sudbury Basin; the *Nipissing District* centering around the city of North Bay on the shore of lake Nipissing; and the *Patricia District* comprising the territory within transmission distance of the Ear Falls development at the outlet of lac Seul on the English river including the Red Lake mining area, and the territory immediately north of lake St. Joseph in the territorial district of Patricia served with power from a development at Rat Rapids on the Albany river. Included in the Northern Ontario Properties are rural power districts on Manitoulin island, and others adjacent to the communities served in the various districts of northern Ontario.

The geographic boundaries of the various systems and districts are shown on the maps of transmission lines and stations at the back of the Report.

The power supplies for the systems and northern Ontario districts are listed in the first table of Section II of the Report on pages 6 and 7.

### The Annual Report

The table of contents, pages xxi and xxii lists the matters dealt with in the Report. At the end of the Report there is a comprehensive index. To those not conversant with the Commission's Reports, the following notes will be useful.

In Section II, pages 4 to 29, dealing with the operations of the systems, are a number of diagrams showing graphically the monthly loads on the several systems and districts. Tables are also presented showing the amounts of power taken by the various municipalities during the past two years.

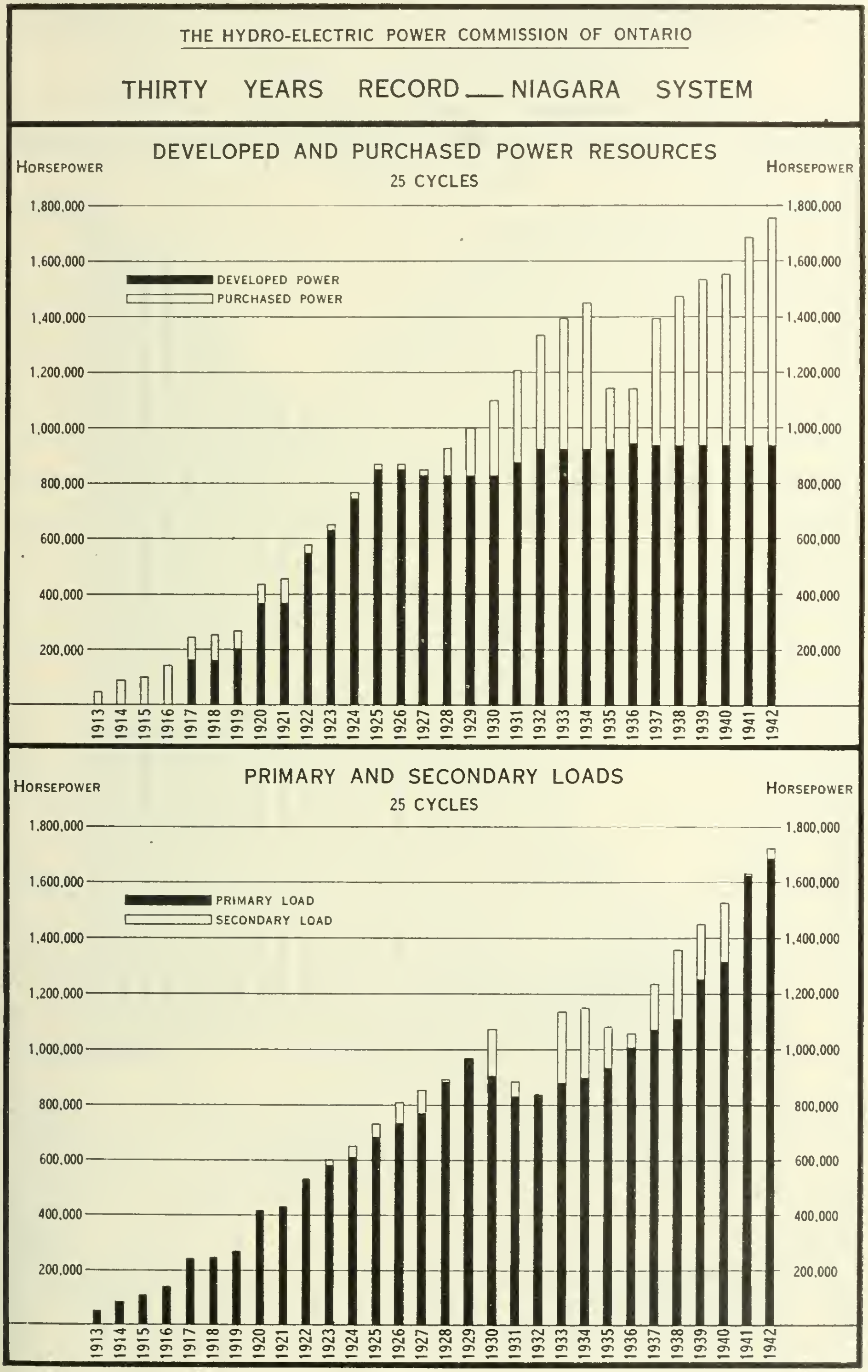
The rural distribution work of the Commission has proved of widespread interest and special reference to this is made in Section IV on pages 37 to 51.

In Sections VI and VII will be found information respecting progress of work on new power developments and on transmission system extensions, together with photographic illustrations.

About one-half of the Report is devoted to financial and other statistical data which are presented in two sections IX and X already referred to above.

Frequent enquiries for the rates for service to consumers are received by the Commission. For the urban municipalities served by the Commission these are given in Statement "E" starting on page 320. For the rural power districts they are given in a table starting on page 46. Certain statistical data resulting from the application of the rates in urban utilities are given in Statement "D". This statement is prefaced by a special introduction starting on page 300.

In its Annual Reports the Commission aims to present a comprehensive statement respecting the activities of the whole undertaking under its administration. Explanatory statements are suitably placed throughout the Report. The Commission receives many letters asking for general information respecting its activities, as well as requests for specific information concerning certain phases of its operations. In most cases the enquiries can satisfactorily be answered by simply directing attention to information presented in the Annual Report.



THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

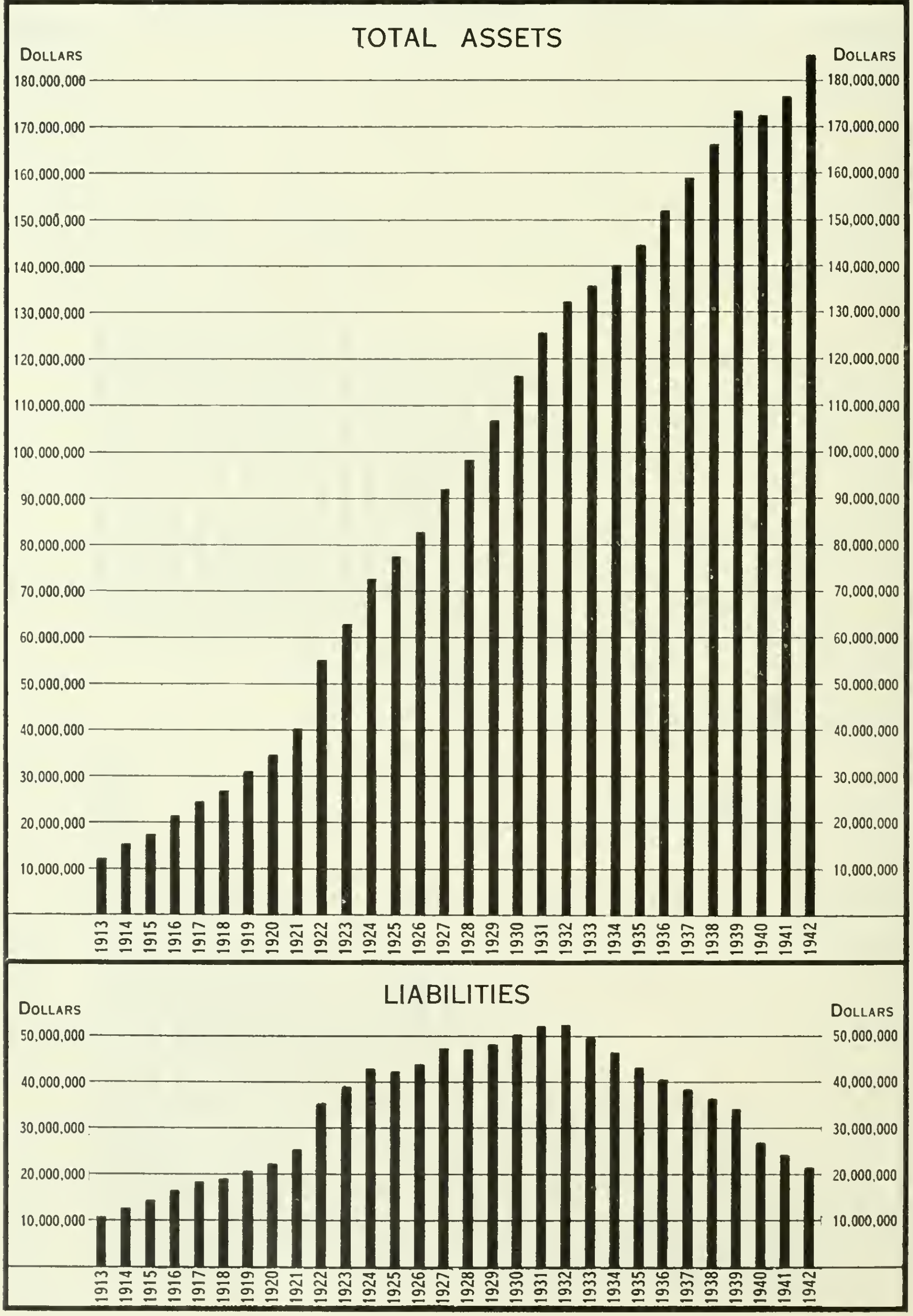
THIRTY YEARS RECORD — NIAGARA SYSTEM

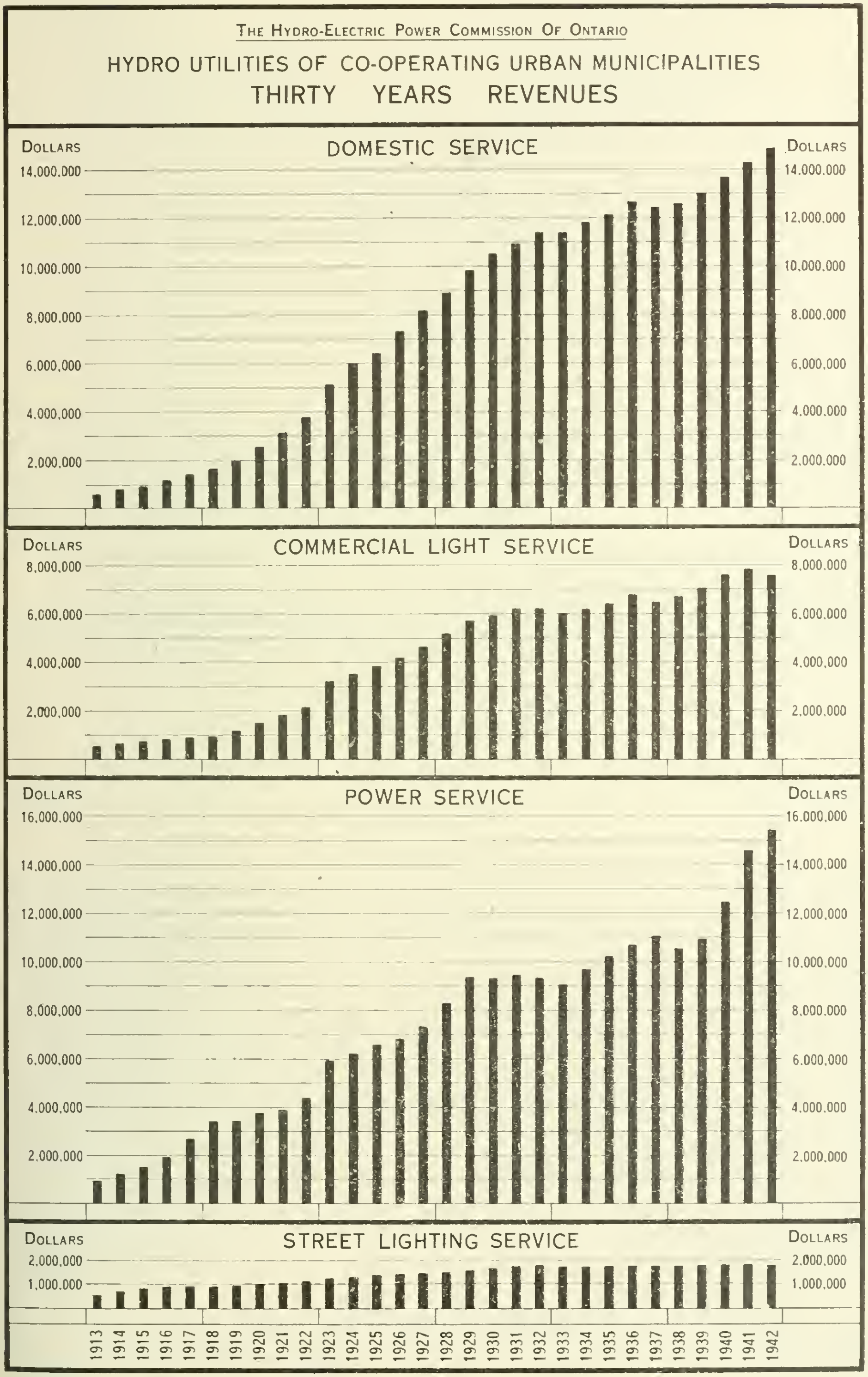
DEVELOPED AND PURCHASED POWER RESOURCES
25 CYCLES

PRIMARY AND SECONDARY LOADS
25 CYCLES

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

## HYDRO UTILITIES OF CO-OPERATING URBAN MUNICIPALITIES
## THIRTY YEARS RECORD





The Hydro-Electric Power Commission Of Ontario

HYDRO UTILITIES OF CO-OPERATING URBAN MUNICIPALITIES

THIRTY YEARS REVENUES

DOMESTIC SERVICE

COMMERCIAL LIGHT SERVICE

POWER SERVICE

STREET LIGHTING SERVICE

# SECTION I

## LEGAL

AT the 1942 Session of the Legislative Assembly of the Province of Ontario one Act respecting The Hydro-Electric Power Commission of Ontario was passed. The said Act is reproduced in full in Appendix I of this Report. The short title of the Act is as follows:

The Steep Rock Iron Ore Development Act, 1942, Chapter 35.

The agreements between The Hydro-Electric Power Commission of Ontario and municipalities and corporations mentioned in the list hereunder given were approved by Orders-in-Council.

### CO-OPERATIVE SYSTEMS

#### Town

| | |
|---|---|
| Grimsby | April 2, 1942 |

#### Corporations

| | |
|---|---|
| British American Oil Co. Ltd | Aug. 4, 1942 |
| Building Products Ltd | Aug. 1, 1941 |
| Canadian Bridge Engineering Co. Ltd., Canadian Steel Corporation Ltd., and Canadian Bridge Co. Ltd | Sept. 28, 1942 |
| Canadian Gypsum Co. Ltd | Jan. 1, 1942 |
| Canadian Industries Ltd | Nov. 26, 1941 |
| Central Aircraft Ltd | July 3, 1942 |
| Defence Industries Ltd | May 22, 1942 |
| Dominion Foundries and Steel Co. Ltd | Aug. 4, 1942 |
| Dominion Magnesium Ltd | June 30, 1942 |
| Gilman, Reginald Trevor | Aug. 4, 1942 |
| His Majesty The King, represented by The Minister of National Defence for Air | Feb. 3, 1942 |
| National Harbours Board | Mar. 2, 1942 |
| National Harbours Board | Dec. 10, 1942 |
| Reliance Fluorspar Mining Syndicate Ltd | Aug. 4, 1942 |
| St. Mary's Cement Co. Ltd | May 11, 1942 |
| Strathcona Paper Co. Ltd | July 15, 1942 |
| Sudbury-Copper Cliff Suburban Electric Railway | July 1, 1942 |
| Tombill Gold Mines Ltd | Mar. 18, 1942 |
| William Kennedy & Sons Ltd | May 18, 1942 |

### NORTHERN ONTARIO PROPERTIES

| | |
|---|---|
| Canadian National Railway Company | Aug. 22, 1942 |
| Ontario Nickel Corporation Limited | April 20, 1942 |

## RIGHT-OF-WAY AND PROPERTY

THE works of the Commission associated with the prosecution of the Wai necessitated further large expansion of property purchases, easement rights, and settlement of claims.

**Niagara System**

The purchase of easement rights and the acquisition of fee of right-of-way required for the recently completed 220,000-volt transmission line from Beaudet near the Ontario-Quebec boundary to Burlington were largely completed; few claims remain unsettled.

The acquisition of property to provide complete ownership and control of both sides of the Welland river from Hog island to Montrose was continued for National Defence purposes. All buildings and structures were removed and disposed of by sale or otherwise, leaving the area cleared for protection of the waterway to the Queenston plant. Sufficient right-of-way was acquired within the city limits of Welland to assure a permanent entrance unaffected by municipal development, for transmission lines to Crowland transformer station and Atlas Steels.

The enlargement of the DeCew Falls development required the purchase of many properties on the storage basin, and along Twelve Mile creek extending from the tail-race through St. Catharines to Port Dalhousie. In order to widen the old Welland Canal, now to be utilized as a waterway for the new development, it was necessary to divert a street in St. Catharines with all its associated services, and to acquire and remove a number of dwellings. In Port Dalhousie, several houses were acquired for a similar purpose.

A large number of private settlements have been effected with respect to properties along the entire channel. The enlarged channel will improve the scenic value of the adjoining land.

Easement rights, and purchase of a right-of-way were completed in Grantham township and St. Catharines for the line entering the new McKinnon transformer station.

The process of renewing original system easement rights which had expired in 1939 was continued, and a number of purchases were made. Properties have been acquired to enlarge the Commission owned right-of-way from Hurontario street, Cooksville, to Toronto.

### Georgian Bay System

There were no major developments in the Georgian Bay system affecting privately owned properties although a number of miscellaneous settlements were made for the extension of existing lines.

### Eastern Ontario System

As a necessary adjunct to the completion of the proposed agreement between the Provinces of Ontario and Quebec respecting the Ottawa river, a detail survey and valuation of all properties which would be affected by a power development at the Carillon site was undertaken, and at the close of the fiscal year was well under way.

The acquisition of easement rights and the purchase of properties for the transmission line from Ranney Falls to Peterborough were completed.

Easement rights were acquired from Bryson, Province of Quebec, for the transmission line supplying the new Magnesium plant close to Haley station, near Renfrew in the township of Ross.

Construction of the Barrett Chute plant on the Madawaska river required the settlement of claims involving a large number of properties along the river. At Bark lake it was necessary to purchase a number of summer residences affected by the proposed raising of water level. In Madawaska village the new water level to be maintained also required the purchase and removal of a number of dwellings. The entire town site vested in the Canadian National Railways was acquired; three churches, two schools, several public buildings, and a large number of residences were removed and relocated.

It was necessary to relocate and construct provincial highway number 60 for several miles, including that portion within the village of Madawaska.

### General

As in the past the study of the assessment on lands held by the Commission was continued and where possible further revisions to conform to the Power Commission Act were arranged. An unusually active year has been completed by the survey section in surveys required for the demarkation of the Commission's properties, and to provide necessary information required by the engineering departments.

Purchases in the recent past have greatly increased the number of properties owned by the Commission. To secure a satisfactory revenue any buildings incidentally acquired have been conditioned to the usual standard maintained by the Commission.

A large number of miscellaneous transformer station sites, easements and other rights have been acquired in all sections of the Province, to care for the constantly expanding activities of the Commission.

# SECTION II

## OPERATION OF THE SYSTEMS

DURING the Commission's year which ended on October 31, 1942, there were no major failures of equipment and practically no trouble from ice conditions at any of the generating stations. All transformer stations and transmission lines functioned reliably and satisfactorily, with only minor disturbances due to wind, sleet and electrical storms.

Good water conditions existed until after the spring run-off, but due to subnormal precipitation in some areas, river flow conditions, especially on the Ottawa river, receded to very low levels by late summer. By the end of the fiscal year, fall rains had somewhat improved river flows, and satisfactory levels were being maintained at all storage reservoirs.

### Load Conditions, November 1, 1941, to October 31, 1942*

In the winter of 1941-2 the aggregate peak load supplied by the Commission reached 2,349,824 horsepower. The aggregate primary peak load for all systems and the Northern Ontario Properties was 2,202,612 horsepower in December. This was the highest primary peak load recorded and was 18.1 per cent greater than the corresponding peak of 1,864,487 horsepower of the previous winter.

In every month primary peak loads exceeded those of the corresponding months of the previous year. During the first 10 months of the fiscal year the monthly increase averaged 19 per cent. Part of this increase in primary use resulted from the conversion of a block of some 110,000 horsepower from secondary to primary classification during the year. In October, 1942, the increase dropped to 3.3 per cent, reflecting the effect of mandatory restrictions and the appeal for voluntary curtailment made in September.

The total energy output during the year was 11,674,049,281 kilowatt-hours, exceeding all previous records and being 11.5 per cent above the preceding year. Energy output for primary power purposes also reached record levels, rising from 8,905,010,142 kilowatt-hours in the previous year to 10,689,922,448 kilowatt-hours, an increase of 20 per cent.

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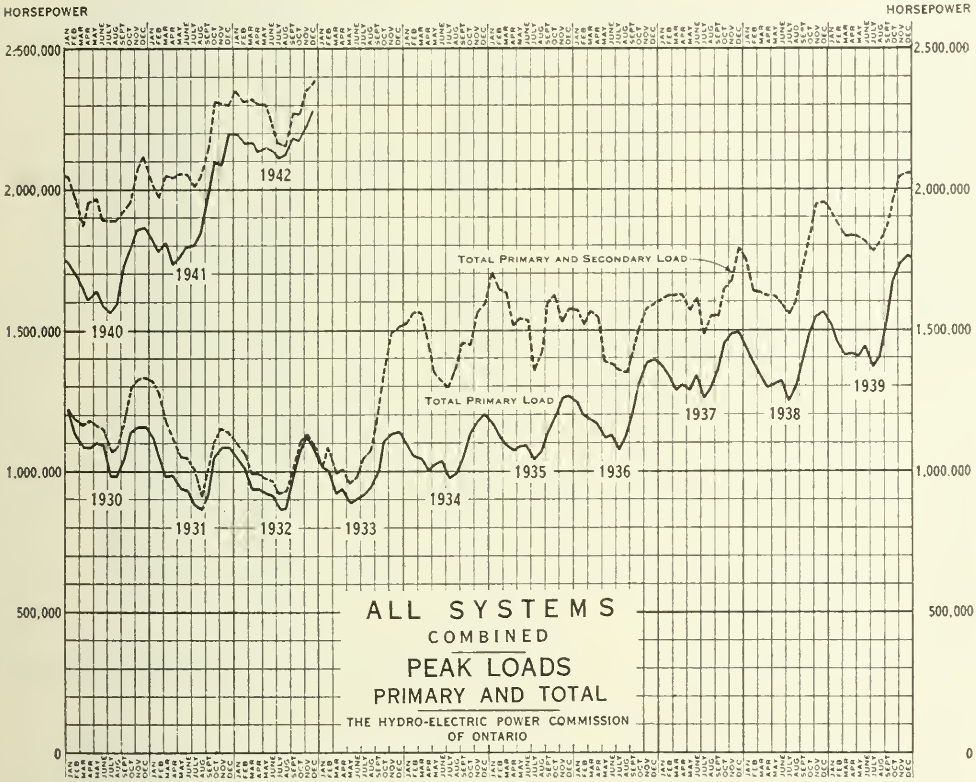
* Consult also Chairman's Introduction, page vi.

All of the year's growth occurred in Southern Ontario on the Niagara, Eastern Ontario and Georgian Bay systems where nearly all of the war production plants of the Province are situated. In the areas served by the Northern Ontario Properties, the average output for primary power purposes showed a shrinkage compared with the previous year of 6.3 per cent. This was due chiefly to curtailment of gold mining activities throughout the year.

Details regarding the peak loads of each of the co-operative systems and of the several districts of the Northern Ontario Properties are given in the load curves in this section of the report.



## NIAGARA SYSTEM

During the first ten months of the fiscal year before mandatory restrictions and reductions in load resulting from voluntary savings and other causes, the monthly primary peak demands of the Niagara system averaged 24 per cent higher than in the previous year. In October the increase was only 6.3 per cent, a substantial saving.

The total energy output on the Niagara system for primary and secondary power rose to new heights, being 12.2 per cent greater than in the

## TOTAL POWER GENERATED

### HYDRO-ELECTRIC GENERATING PLANTS

| Generating plants | Maximum normal plant capacity Oct. 31, 1942 horsepower | Peak load during fiscal year 1940–41 horse-power | Peak load during fiscal year 1941–42 horse-power | Total output during fiscal year 1940–41 kilowatt-hours | Total output during fiscal year 1941–42 kilowatt-hours |
|---|---|---|---|---|---|
| **Niagara system** | | | | | |
| Queenston-Chippawa—Niagara river | 500,000 | 471,850 | 505,362 | 2,657,492,000 | 2,593,597,700 |
| "Ontario Power"—Niagara river | 180,000 | 181,635 | 182,306 | 1,054,829,000 | 1,094,741,800 |
| "Toronto Power"—Niagara river | 150,000 | 137,399 | 147,185 | 504,741,000 | 816,213,800 |
| Chats Falls (Ontario half)—Ottawa river | 108,000 | 113,941 | 112,601 | 451,426,150 | 433,687,150 |
| DeCew Falls—Welland canal | 50,000 | 50,000 | 50,938 | 196,354,000 | 187,211,000 |
| **Georgian Bay system** | | | | | |
| South Falls—South Muskoka river | 5,600 | 5,697 | 5,697 | 29,068,080 | 25,213,860 |
| Hanna Chute—South Muskoka river | 1,600 | 1,743 | 1,743 | 8,755,200 | 7,322,300 |
| Trethewey Falls—South Muskoka river | 2,300 | 2,279 | 2,346 | 11,056,800 | 7,584,000 |
| Ragged Rapids—Musquash river | 10,000 | 10,657 | 10,255 | 40,602,400 | 40,002,480 |
| Big Eddy—Musquash river | 9,500 | 5,898 | 10,590 | 1,022,880 | 32,954,750 |
| Bala No. 1 and No. 2—Musquash river | 600 | 536 | 570 | 2,509,600 | 1,968,400 |
| Big Chute—Severn river | 5,800 | 5,845 | 5,791 | 28,622,400 | 28,831,400 |
| Wasdells Falls—Severn river | 1,200 | 1,180 | 1,153 | 4,560,480 | 3,945,904 |
| Eugenia Falls—Beaver river | 7,800 | 7,668 | 7,614 | 19,889,800 | 29,040,400 |
| Hanover—Saugeen river | 400 | 416 | 395 | 1,498,272 | 1,302,960 |
| Walkerton—Saugeen river | 500 | 509 | 489 | 2,247,900 | 2,167,300 |
| **Eastern Ontario system** | | | | | |
| Sidney—Dam No. 2—Trent river | 4,500 | 5,127 | 5,121 | 22,619,100 | 23,627,400 |
| Frankford—Dam No. 5—Trent river | 3,500 | 3,961 | 4,243 | 16,900,700 | 17,341,850 |
| Sills Island—Dam No. 6—Trent river | 2,100 | 1,287 | 2,232 | 6,663,280 | 6,841,600 |
| Meyersburg—Dam No. 8—Trent river | 7,000 | 7,741 | 7,741 | 36,698,570 | 36,628,570 |
| Hague's Reach—Dam No. 9—Trent river | 4,500 | 5,094 | 4,899 | 21,240,540 | 23,077,850 |
| Ranney Falls—Dam No. 10—Trent river | 11,500 | 11,970 | 12,038 | 54,918,380 | 60,219,060 |
| Seymour—Dam. No. 11—Trent river | 4,200 | 4,424 | 4,651 | 19,727,040 | 20,185,980 |
| Heely Falls—Dam No. 14—Trent river | 15,300 | 15,985 | 16,086 | 72,473,200 | 78,375,620 |
| Auburn—Dam No. 18—Trent river | 2,400 | 2,882 | 2,735 | 11,299,080 | 12,311,890 |
| Douro—Lock No. 24—Otonabee river | 900 | 1,052 | 958 | 422,400 | 3,029,920 |
| Lakefield—Otonabee river | 2,300 | 2,413 | 2,534 | 10,367,090 | 8,849,680 |
| Young's Point—Otonabee river | 500 | 590 | 617 | 422,300 | 1,881,180 |
| Fenelon Falls-Dam No. 30-Sturgeon river | 1,000 | 891 | 878 | 3,714,800 | 4,386,620 |
| High Falls—Mississippi river | 3,000 | 3,385 | 3,385 | 10,879,200 | 12,693,360 |
| Carleton Place—Mississippi river | 400 | 335 | 563 | 90,410 | 898,143 |
| Galetta—Mississippi river | 1,100 | 1,193 | 1,200 | 2,784,000 | 3,332,100 |
| Calabogie—Madawaska river | 6,000 | 6,434 | 6,434 | 23,401,330 | 24,130,380 |
| Barrett Chute—Madawaska river | 54,000 | ........ | 53,284 | ............. | 9,820,400 |
| **Thunder Bay system** | | | | | |
| Cameron Falls—Nipigon river | 73,500 | 71,381 | 76,407 | 287,168,000 | 367,044,000 |
| Alexander—Nipigon river | 50,000 | 52,145 | 52,815 | 236,834,400 | 281,685,200 |
| **Northern Ontario Properties** | | | | | |
| **Abitibi district:** | | | | | |
| Abitibi Canyon—Abitibi river | 240,000 | 230,965 | 233,378 | 1,115,701,300 | 1,146,380,000 |
| **Sudbury district:** | | | | | |
| Coniston—Wanapitei river | 5,900 | 5,697 | 5,831 | 20,083,050 | 24,127,840 |
| McVittie—Wanapitei river | 3,100 | 3,083 | 3,083 | 17,781,050 | 18,612,760 |
| Stinson—Wanapitei river | 7,500 | 7,560 | 7,641 | 16,590,000 | 23,937,722 |
| Crystal Falls—Sturgeon river | 10,000 | 10,121 | 10,389 | 39,287,696 | 29,792,500 |
| **Nipissing district:** | | | | | |
| Nipissing—South river | 2,100 | 2,172 | 2,172 | 7,134,440 | 6,609,640 |
| Bingham Chute—South river | 1,200 | 1,294 | 1,287 | 4,286,240 | 5,328,790 |
| Elliott Chute—South river | 1,700 | 1,903 | 1,857 | 3,448,000 | 4,262,350 |
| **Patricia district:** | | | | | |
| Ear Falls—English river | 15,000 | 16,086 | 13,270 | 76,731,660 | 56,702,340 |
| Rat Rapids—Albany river | 1,800 | 3,485 | 2,084 | 13,788,380 | 11,250,640 |
| Total generated | 1,569,300 | * | * | 7,168,134,598 | 7,629,150,589 |

*Because the peak loads on the various generating plants and purchased power sources usually occur at different times, the sum of the individual peak loads would not represent the sum of the peak loads on the systems. These, in the case of each system, must relate to the maximum load occurring at any one time. Consequently, the columns headed "Peak load" are not totalled.

**AND PURCHASED—ALL SYSTEMS**

**POWER PURCHASED**

| Power source | Contract amount horsepower Oct. 31, 1942 | Total purchased | |
|---|---|---|---|
| | | 1940–41 kilowatt-hours | 1941–42 kilowatt-hours |
| Canadian Niagara Power Co | 20,000 | 95,200,600 | 98,711,400 |
| Department of Transport (Welland Ship Canal) | 4,950 | 970,200 | 21,339,800 |
| Gatineau Power Co.—25 cycle | 260,000 | 1,190,324,700 | 1,192,020,960 |
| Ottawa Valley Power Co | 108,000 | 451,426,150 | 433,687,150 |
| Beauharnois Light, Heat and Power Co | 250,000 | 778,780,000 | 1,056,960,000 |
| MacLaren-Quebec Power Co.—"Main contract" | 125,000 | 409,275,200 | 813,009,000 |
| MacLaren-Quebec Power Co.—"War power" | 57,500 | | |
| Gatineau Power Co.—60-cycle delivery at 110 kv. | 60,000 | 274,820,000 | 312,227,840 |
| Gatineau Power Co.—60-cycle delivery at 11 kv. | 20,000 | 72,003,600 | 72,435,600 |
| Gatineau Power Co.—60-cycle delivery at Treadwell | 600 | 462,560 | 664,800 |
| M. F. Beach Estate | 500 | 2,266,000 | 3,161,890 |
| Rideau Power Co | 400 | 1,883,500 | 1,907,200 |
| Campbellford Water and Light Commission | 800 | 5,174,800 | 4,675,900 |
| Manitoulin Pulp Co | 800 | 1,018,000 | 1,314,400 |
| Huronian Co | 150 | 397,800 | 455,200 |
| Pembroke Electric Light Co. Ltd | 1,000 | 2,297,370 | 2,496,980 |
| Orillia Water, Light and Power Commission | No Contract | 896,600 | 1,498,600 |
| Gananoque Light, Heat and Power Co | " | 352,660 | 531,640 |
| Abitibi Power and Paper Co | " | 780,800 | 2,420,032 |
| Kaministiquia Power Co | " | 9,776,480 | 25,380,300 |
| Total purchased | 909,700 | 3,298,107,020 | 4,044,898,692 |

| | | |
|---|---|---|
| Power purchased, contract amount, 1942 | 909,700 | horsepower |
| Maximum normal plant capacity, 1942 | 1,569,300 | " |
| Total available capacity generated and purchased, 1942 | 2,479,000 | " |
| Total available capacity generated and purchased, 1941 | 2,364,981 | " |
| Difference (increase) | 114,019 | " |
| Total energy purchased, 1942 | 4,044,898,692 | kilowatt-hours |
| Total energy generated, 1942 | 7,629,150,589 | " " |
| Total energy generated and purchased, 1942 | 11,674,049,281 | " " |
| Total energy generated and purchased, 1941 | 10,466,241,618 | " " |
| Difference (increase) | 1,207,807,663 | " " |

CAUTION: The figures for "Maximum normal plant capacity" reflect the capacity of the various plants under the most favourable operating conditions which can reasonably be considered as normal, taking into consideration turbine capacity as well as generator capacity, and also the net operating head and available water supply.

Owing, among other things, to changes in generating equipment due to wear and tear or the replacement of parts, also to changes in limitations governing water levels and effective net heads, the maximum normal plant capacity is not a fixed quantity but is one which must be revised from time to time.

It is particularly important to bear in mind that the column headed "Maximum normal plant capacity" cannot be taken as an indication of the dependable capacity of the various plants: in some cases it is, but in many cases it is not. Chief among the factors which govern the maximum dependable capacity of an hydraulic power plant and which are not reflected in column headed "Maximum normal plant capacity" are abnormal variations in water supply and operating limitations encountered when plants are so situated on a given stream as to be affected by one another.

previous year. The output of energy classed as primary was about 93 per cent of the total energy and exceeded the corresponding output in the previous year by 27.4 per cent. The high percentage increase, both in primary peak loads and in energy output for primary power purposes resulted in part from the conversion of a block of some 110,000 horsepower from secondary to primary classification, as noted above in connection with the total load of the Commission.

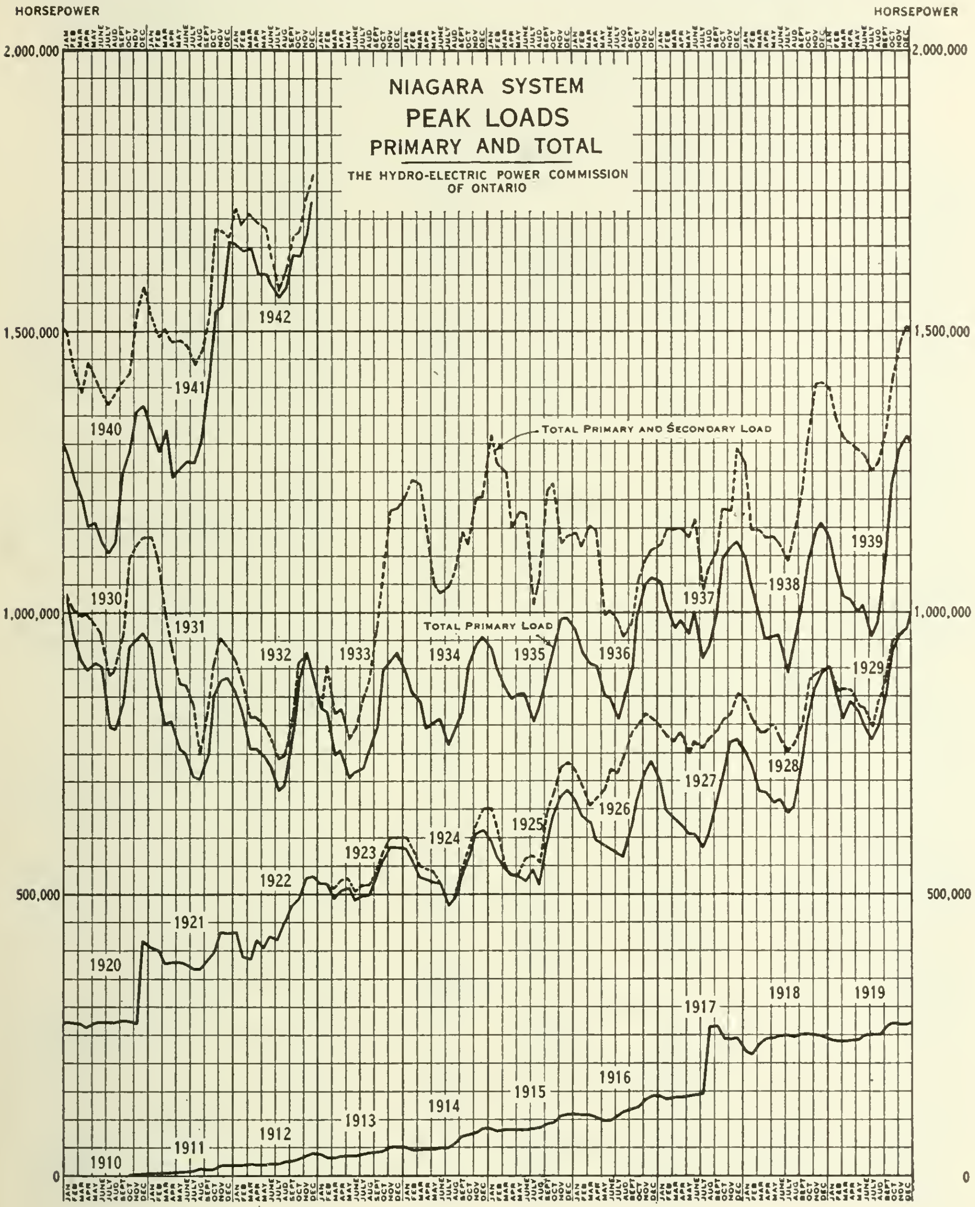
On November 27, 1941, the total Canadian diversion on the Niagara river was raised to a limit of 50,000 cubic feet per second. This enabled the Niagara river plants, Queenston, Ontario Power and Toronto Power plants, to operate at approximately 100 per cent load factor and increased the output of these plants from what was available from the diversion under the treaty limits of 36,000 cubic feet per second, by about two and one-half million kilowatt-hours per day.

All sources of power supply available to the Niagara system were used to the greatest possible extent. Under a program of water conservation the Commission co-operated with the Quebec power companies in the utilization of any surplus energy that these companies had available. Interchange of power with the Eastern Ontario system and Georgian Bay system has also been made to the mutual advantage of all three southern Ontario systems, the Niagara system supplying shortages of the other two systems over peak load periods and absorbing surplus energy from them at other times, thus utilizing the full available river flows.

At the commencement of the year there was available in purchased contracts a growth reserve of 75,000 horsepower, all of which was called for during the year, although part was scheduled for future delivery. On June 1 and August 1, two blocks of 25,000 horsepower each were called for from the Beauharnois Power Company, completing the full contract delivery of 250,000 horsepower from this company. On September 3, a block of 25,000 horsepower was taken from the Maclaren-Quebec Power Company, making a total delivery from this company, including a temporary supply for the duration of the war, of 182,500 horsepower.

Under an agreement with the Department of Transport the delivery of 4,950 horsepower commenced on November 3, 1941. This power is supplied at 66-2/3 cycles from a plant on the Welland ship canal to the Dominion Power and Transmission division of the Niagara system. Normally, any surplus or shortage on the 66-2/3 cycle, D. P. & T. system can be absorbed or supplied by the Niagara 25-cycle system through the frequency changer set at Niagara Falls. For part of the year this was possible but for about two months, commencing April 6, the set was taken out of service for overhaul, and on August 28 the set failed, necessitating a complete rewinding of the 25-cycle unit of the set, which, at the close of the year, had not been completed.

Service to all customers in the Niagara system was well maintained. On one occasion due to the failure of a reactor at DeCew Falls generating station, the entire power supply at 66-2/3 cycles on the Dominion Power and Transmission division was interrupted for 33 minutes. Otherwise, no serious failure of equipment occurred to cause any prolonged service interruptions. Over a few of the daily peak periods during the winter months of 1941-42, and again early in September, before steps were taken to curtail non-essential uses of power, capacity was insufficient to meet all primary



demands and it was necessary to restrict power delivery to certain war industries for brief periods.

To meet the power requirements of expanding war industries, new transformer stations were installed and the capacity of many existing stations was increased. The most important addition was the Toronto Esplanade station placed in service on March 8 with an initial capacity of 25,000 kv-a, increased to 50,000 kv-a on April 28. On March 28 the capacity of the transformer station at the Atlas Steel Company was increased from 25,000 to 50,000 kv-a.

## NIAGARA SYSTEM—LOADS OF MUNICIPALITIES 1941-1942

| Municipality | Peak load in horsepower | | Change in load | |
|---|---|---|---|---|
| | July to Dec., 1941 | July to Dec., 1942 | Decrease | Increase |
| Acton | 1,610.2 | 1,619.2 | | 9.0 |
| Agincourt | 233.5 | 233.5 | | |
| Ailsa Craig | 146.9 | 137.7 | 9.2 | |
| Alvinston | 109.9 | 102.4 | 7.5 | |
| Amherstburg | 1,092.2 | 871.8 | 220.4 | |
| Ancaster Township—Voted Area | 411.6 | 398.0 | 13.6 | |
| Arkona | 71.2 | 73.0 | | 1.8 |
| Aurora | 1,389.0 | 1,356.7 | 32.3 | |
| Aylmer | 862.1 | 954.3 | | 92.2 |
| Ayr | 280.6 | 265.9 | 14.7 | |
| Baden | 472.0 | 546.1 | | 74.1 |
| Beachville | 655.2 | 718.7 | | 63.5 |
| Beamsville | 475.5 | 434.3 | 41.2 | |
| Belle River | 200.0 | 203.5 | | 3.5 |
| Blenheim | 639.9 | 513.9 | 126.0 | |
| Blyth | 147.8 | 154.0 | | 6.2 |
| Bolton | 221.2 | 217.3 | 3.9 | |
| Bothwell | 167.2 | 124.5 | 42.7 | |
| Brampton | 3,183.3 | 2,997.0 | 186.3 | |
| Brantford | 20,095.7 | 21,491.0 | | 1,395.3 |
| Brantford Township—Voted Area | 1,177.7 | 1,089.0 | 88.7 | |
| Bridgeport | 166.5 | 169.9 | | 3.4 |
| Brigden | 89.5 | 87.7 | 1.8 | |
| Bronte | 265.4 | 187.1 | 78.3 | |
| Brussels | 170.2 | 151.5 | 18.7 | |
| Burford | 249.5 | 281.9 | | 32.4 |
| Burgessville | 65.0 | 53.5 | 11.5 | |
| Burlington | 1,640.3 | 1,670.5 | | 30.2 |
| Burlington Beach | 500.2 | 503.9 | | 3.7 |
| Caledonia | 436.2 | 359.3 | 76.9 | |
| Campbellville | 43.7 | 39.7 | 4.0 | |
| Cayuga | 156.1 | 126.9 | 29.2 | |
| Chatham | 7,762.7 | 6,645.0 | 1,117.7 | |
| Chippawa | 382.8 | 345.8 | 37.0 | |
| Clifford | 112.6 | 105.6 | 7.0 | |
| Clinton | 697.3 | 702.1 | | 4.8 |
| Comber | 170.6 | 155.0 | 15.6 | |
| Cottam | 99.3 | 78.7 | 20.6 | |
| Courtright | 55.9 | 50.3 | 5.6 | |
| Dashwood | 95.8 | 111.4 | | 15.6 |
| Delaware | 87.4 | 74.3 | 13.1 | |
| Delhi | 779.9 | 630.0 | 149.9 | |
| Dorchester | 143.0 | 111.8 | 31.2 | |
| Drayton | 143.4 | 135.2 | 8.2 | |
| Dresden | 439.5 | 440.3 | | 0.8 |

NOTE: The yearly peak demands of the individual municipal Hydro utilities and also of the rural power districts do not all occur during the same month of the year nor, for any given municipality or rural power district, do they always occur in the same month in successive years; in nearly all cases however the yearly peak occurs during the second half of the calendar year. For this reason a comparison of the peaks occurring during the second half of the year as shown in the tables of this Section shows most satisfactorily the general trend of the local loads.

Due to restrictions and voluntary power savings in the end months of 1942, more and greater decreases of municipal and rural power district loads are recorded than would otherwise have been shown.

### NIAGARA SYSTEM—LOADS OF MUNICIPALITIES 1941-1942—Continued

| Municipality | Peak load in horsepower | | Change in load | |
|---|---|---|---|---|
| | July to Dec., 1941 | July to Dec., 1942 | Decrease | Increase |
| Drumbo | 122.8 | 125.1 | | 2.3 |
| Dublin | 106.0 | 105.1 | 0.9 | |
| Dundas | 2,868.0 | 3,074.7 | | 206.7 |
| Dunnville | 1,505.8 | 1,297.7 | 208.1 | |
| Dutton | 289.7 | 258.3 | 31.4 | |
| East York Township—Voted Area | 8,592.7 | 8,379.2 | 213.5 | |
| Elmira | 929.6 | 1,061.5 | | 131.9 |
| Elora | 498.8 | 515.4 | | 16.6 |
| Embro | 131.4 | 143.7 | | 12.3 |
| Erieau | 199.5 | 181.2 | 18.3 | |
| Erie Beach | 47.4 | 40.0 | 7.4 | |
| Essex | 796.7 | 687.5 | 159.2 | |
| Etobicoke Township—Voted Area | 7,878.5 | 7,799.1 | 79.4 | |
| Exeter | 700.5 | 773.1 | | 72.6 |
| Fergus | 1,550.3 | 1,414.1 | 136.2 | |
| Fonthill | 206.1 | 199.2 | 6.9 | |
| Forest | 562.7 | 563.3 | | 0.6 |
| Forest Hill | 7,997.6 | 7,164.9 | 832.7 | |
| Galt | 11,445.2 | 11,869.4 | | 424.2 |
| Georgetown | 1,810.9 | 1,729.9 | 81.0 | |
| Glencoe | 226.4 | 198.5 | 27.9 | |
| Goderich | 1,663.7 | 1,668.6 | | 4.9 |
| Granton | 80.4 | 83.0 | | 2.6 |
| Grimsby | 786.8 | 1,040.2 | | 253.4 |
| Guelph | 11,732.6 | 11,437.3 | 295.3 | |
| Hagersville | 1,284.9 | 1,279.6 | 5.3 | |
| Hamilton | 159,175.7 | 158,149.5 | 1,026.2 | |
| Harriston | 432.9 | 471.2 | | 38.3 |
| Harrow | 644.2 | 624.4 | 19.8 | |
| Hensall | 238.1 | 214.9 | 23.2 | |
| Hespeler | 2,975.0 | 2,927.4 | 47.6 | |
| Highgate | 106.0 | 89.4 | 16.6 | |
| Humberstone | 557.9 | 591.5 | | 33.6 |
| Ingersoll | 3,216.6 | 3,201.4 | 15.2 | |
| Jarvis | 243.6 | 203.7 | 39.9 | |
| Kingsville | 762.5 | 591.7 | 170.8 | |
| Kitchener | 28,308.6 | 26,597.9 | 1,710.7 | |
| Lambeth | 173.2 | 132.0 | 41.2 | |
| La Salle | 245.0 | 245.1 | | 0.1 |
| Leamington | 2,060.7 | 2,105.0 | | 44.3 |
| Listowel | 1,482.2 | 1,556.3 | | 74.1 |
| London | 44,091.8 | 38,397.9 | 5,693.9 | |
| London Township—Voted Area | 672.5 | 598.7 | 73.8 | |
| Long Branch | 1,241.7 | 1,333.8 | | 92.1 |
| Lucan | 214.1 | 209.9 | 4.2 | |
| Lynden | 130.7 | 115.2 | 15.5 | |
| Markham | 430.0 | 400.5 | 29.5 | |
| Merlin | 120.5 | 101.7 | 18.8 | |
| Merritton | 8,405.7 | 9,796.6 | | 1,390.9 |
| Milton | 1,551.4 | 1,398.6 | 152.8 | |

## NIAGARA SYSTEM—LOADS OF MUNICIPALITIES 1941-1942—Continued

| Municipality | Peak load in horsepower | | Change in load | |
|---|---|---|---|---|
| | July to Dec., 1941 | July to Dec., 1942 | Decrease | Increase |
| Milverton | 368.2 | 388.5 | | 20.3 |
| Mimico | 2,744.0 | 2,540.2 | 203.8 | |
| Mitchell | 743.3 | 829.1 | | 85.8 |
| Moorefield | 40.9 | 44.5 | | 3.6 |
| Mount Brydges | 113.8 | 102.1 | 11.7 | |
| Newbury | 34.4 | 31.6 | 2.8 | |
| New Hamburg | 658.4 | 674.5 | | 16.1 |
| Newmarket | 1,931.3 | 1,954.1 | | 22.8 |
| New Toronto | 11,248.7 | 11,818.0 | | 569.3 |
| Niagara Falls | 11,605.9 | 10,275.3 | 1,330.6 | |
| Niagara-on-the-Lake | 1,085.8 | 1,106.7 | | 20.9 |
| North York Township—Voted Area | 8,655.6 | 9,891.1 | | 1,235.5 |
| Norwich | 460.0 | 496.5 | | 36.5 |
| Oakville | 1,203.7 | 1,128.7 | 75.0 | |
| Oil Springs | 213.3 | 189.9 | 23.4 | |
| Otterville | 125.5 | 126.3 | | 0.8 |
| Palmerston | 628.5 | 613.0 | 15.5 | |
| Paris | 2,083.1 | 1,915.2 | 167.9 | |
| Parkhill | 234.4 | 201.1 | 33.3 | |
| Petrolia | 1,206.5 | 1,010.2 | 196.3 | |
| Plattsville | 140.3 | 135.2 | 5.1 | |
| Point Edward | 1,677.6 | 1,691.0 | | 13.4 |
| Port Colborne | 2,298.9 | 2,426.3 | | 127.4 |
| Port Credit | 922.5 | 897.4 | 25.1 | |
| Port Dalhousie | 1,038.3 | 1,136.2 | | 97.9 |
| Port Dover | 570.9 | 536.3 | 34.6 | |
| Port Rowan | 118.3 | 100.7 | 17.6 | |
| Port Stanley | 1,121.2 | 1,204.3 | | 83.1 |
| Preston | 3,961.0 | 4,149.2 | | 188.2 |
| Princeton | 150.0 | 136.3 | 13.7 | |
| Queenston | 164.3 | 165.0 | | 0.7 |
| Richmond Hill | 513.4 | 501.3 | 12.1 | |
| Ridgetown | 709.4 | 607.2 | 102.2 | |
| Riverside | 1,253.0 | 1,186.0 | 67.0 | |
| Rockwood | 130.0 | 141.0 | | 11.0 |
| Rodney | 189.9 | 149.9 | 40.0 | |
| St. Catharines | 26,757.4 | 29,072.4 | | 2,315.0 |
| St. Clair Beach | 122.6 | 132.0 | | 9.4 |
| St. George | 163.0 | 157.9 | 5.1 | |
| St. Jacobs | 359.2 | 368.8 | | 9.6 |
| St. Marys | 1,620.5 | 1,603.7 | 16.8 | |
| St. Thomas | 8,495.3 | 7,612.6 | 882.7 | |
| Sarnia | 11,880.7 | 11,087.6 | 793.1 | |
| Scarborough Township—Voted Area | 4,919.5 | 4,778.3 | 141.2 | |
| Seaforth | 799.5 | 800.1 | | 0.6 |
| Simcoe | 2,750.7 | 2,581.2 | 169.5 | |
| Smithville | 178.6 | 185.0 | | 6.4 |
| Springfield | 74.4 | 70.6 | 3.8 | |
| Stamford Township—Voted Area | 2,815.0 | 2,826.8 | | 11.8 |
| Stoney Creek | 250.1 | 247.3 | 2.8 | |

### NIAGARA SYSTEM—LOADS OF MUNICIPALITIES 1941-1942—Concluded

| Municipality | Peak load in horsepower | | Change in load | |
|---|---|---|---|---|
| | July to Dec., 1941 | July to Dec., 1942 | Decrease | Increase |
| Stouffville | 304.1 | 328.4 | .......... | 24.3 |
| Stratford | 7,976.0 | 8,234.3 | .......... | 258.3 |
| Strathroy | 1,503.1 | 1,600.9 | .......... | 97.8 |
| Streetsville | 249.0 | 250.1 | .......... | 1.1 |
| Sutton | 467.0 | 454.0 | 13.0 | .......... |
| Swansea | 3,540.2 | 3,239.3 | 300.9 | .......... |
| Tavistock | 697.4 | 725.2 | .......... | 27.8 |
| Tecumseh | 603.9 | 515.7 | 88.2 | .......... |
| Thamesford | 241.3 | 241.8 | .......... | 0.5 |
| Thamesville | 281.5 | 207.5 | 74.0 | .......... |
| Thedford | 126.8 | 133.5 | .......... | 6.7 |
| Thorndale | 94.4 | 95.1 | .......... | 0.7 |
| Thorold | 2,635.3 | 2,465.2 | 170.1 | .......... |
| Tilbury | 1,062.3 | 1,469.9 | .......... | 407.6 |
| Tillsonburg | 1,558.7 | 1,248.3 | 310.4 | .......... |
| Toronto | 381,593.8 | 356,427.6 | 25,166.2 | .......... |
| Toronto Township—Voted Area | 2,895.2 | 3,167.0 | .......... | 271.8 |
| Trafalgar Township—Voted Area No. 1 | 463.1 | 429.5 | 33.6 | .......... |
| Trafalgar Township—Voted Area No. 2 | 205.3 | 170.3 | 35.0 | .......... |
| Wallaceburg | 3,234.6 | 3,809.9 | .......... | 575.3 |
| Wardsville | 43.7 | 37.7 | 6.0 | .......... |
| Waterdown | 243.4 | 266.3 | .......... | 22.9 |
| Waterford | 569.7 | 489.3 | 80.4 | .......... |
| Waterloo | 5,288.9 | 5,817.7 | .......... | 528.8 |
| Watford | 422.6 | 403.3 | 19.3 | .......... |
| Welland | 12,190.0 | 12,206.4 | .......... | 16.4 |
| Wellesley | 139.5 | 144.0 | .......... | 4.5 |
| West Lorne | 250.1 | 259.8 | .......... | 9.7 |
| Weston | 4,765.4 | 4,835.1 | .......... | 69.7 |
| Wheatley | 209.8 | 193.8 | 16.0 | .......... |
| Windsor | 51,967.8 | 51,526.6 | 441.2 | .......... |
| Woodbridge | 683.8 | 677.5 | 6.3 | .......... |
| Woodstock | 8,798.6 | 8,692.7 | 105.9 | .......... |
| Wyoming | 91.3 | 77.9 | 13.4 | .......... |
| York Township—Voted Area | 21,028.1 | 21,328.4 | .......... | 300.3 |
| Zurich | 141.1 | 154.5 | .......... | 13.4 |

## NIAGARA SYSTEM—RURAL POWER DISTRICT LOADS—1941-1942

| Rural power district | Peak load in horsepower | | Change in load | |
|---|---|---|---|---|
| | July to Dec., 1941 | July to Dec., 1942 | Decrease | Increase |
| Aylmer | 1,467.4 | 1,417.3 | 50.1 | |
| Baden | 874.9 | 896.4 | | 21.5 |
| Beamsville | 2,336.8 | 2,269.1 | 67.7 | |
| Blenheim | 378.2 | 322.5 | 55.7 | |
| Bond Lake | 1,935.1 | 2,095.2 | | 160.1 |
| *Bothwell | 732.3 | 679.5 | 52.8 | |
| *Brampton | 835.8 | 863.4 | | 27.6 |
| Brant | 1,984.5 | 1,997.8 | | 13.3 |
| Brigden | 149.8 | 138.9 | 10.9 | |
| *Burford | 772.4 | 661.8 | 110.6 | |
| Caledonia | 1,316.9 | 1,292.2 | 24.7 | |
| Chatham | 1,229.8 | 1,114.4 | 115.4 | |
| Chippawa | 207.9 | 202.7 | 5.2 | |
| Delaware | 741.4 | 706.2 | 35.2 | |
| Dorchester | 922.6 | 945.2 | | 22.6 |
| Dresden | 219.1 | 224.5 | | 5.4 |
| Dundas | 1,306.6 | 1,324.9 | | 18.3 |
| Dunnville | 573.4 | 549.8 | 23.6 | |
| Dutton | 219.0 | 227.4 | | 8.4 |
| *Elmira | 429.9 | 439.9 | | 10.0 |
| *Essex | 879.3 | 809.8 | 69.5 | |
| Exeter | 1,118.6 | 1,348.8 | | 230.2 |
| *Forest | 356.5 | 558.8 | | 202.3 |
| Galt | 491.1 | 491.9 | | 0.8 |
| *Goderich | 1,008.9 | 977.3 | 31.6 | |
| Guelph | 930.3 | 977.6 | | 47.3 |
| Haldimand | 1,589.2 | 1,669.8 | | 80.6 |
| *Harrow | 1,325.6 | 1,176.1 | 149.5 | |
| Ingersoll | 1,511.9 | 1,608.6 | | 96.7 |
| *Keswick | 858.9 | 702.5 | 156.4 | |
| Kingsville | 1,531.1 | 1,377.2 | 153.9 | |
| *Listowel | 1,041.1 | 993.3 | 47.8 | |
| London | 3,275.0 | 2,959.4 | 315.6 | |
| *Lucan | 279.1 | 234.5 | 44.6 | |
| Lynden | 402.3 | 424.8 | | 22.5 |
| *Markham | 1,959.6 | 1,851.1 | 108.5 | |
| *Merlin | 769.5 | 812.9 | | 43.4 |
| *Milton | 400.5 | 363.4 | 37.1 | |
| Mitchell | 505.0 | 527.2 | | 22.2 |
| *Niagara | 2,304.6 | 2,605.0 | | 300.4 |

*In 1942, due in part to war conditions, and in order to effect certain economies in operation and administration, the total number of rural power districts was reduced from 184 to 120. In the Niagara system, by consolidations of districts and parts of districts, the number was reduced from 87 to 64. The new consolidated districts are marked with an asterisk. In these districts, to effect a comparison of loads that would show the general trend, the two months' period, using November and December only, after the new conditions were established, has been used and the corresponding peak load in the same areas for the same months of 1941 has been computed and recorded for comparison.

NIAGARA SYSTEM—RURAL POWER DISTRICT LOADS 1941-1942—Concluded

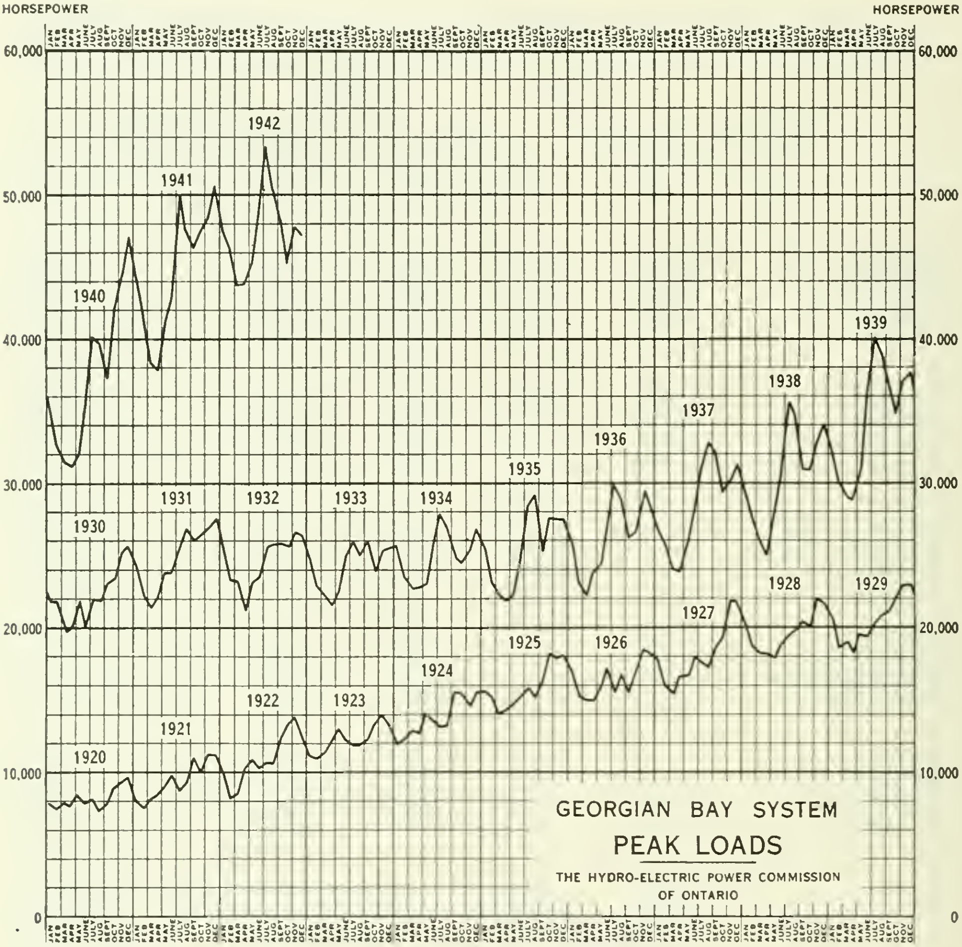
| Rural power district | Peak load in horsepower | | Change in load | |
|---|---|---|---|---|
| | July to Dec., 1941 | July to Dec., 1942 | Decrease | Increase |
| Norwich | 809.6 | 828.5 | | 18.9 |
| *Oil Springs | 364.2 | 392.3 | | 28.1 |
| Preston | 1,997.6 | 2,052.8 | | 55.2 |
| Ridgetown | 670.5 | 598.3 | 72.2 | |
| St. Jacobs | 564.3 | 561.4 | 2.9 | |
| St. Marys | 866.7 | 987.3 | | 120.6 |
| St. Thomas | 2,501.4 | 2,597.1 | | 95.7 |
| Saltfleet | 1,932.9 | 2,216.4 | | 283.5 |
| Sandwich | 2,319.5 | 2,236.0 | 83.5 | |
| Sarnia | 1,305.8 | 1,163.9 | 141.9 | |
| Seaforth | 114.4 | 127.5 | | 13.1 |
| Simcoe | 751.9 | 760.4 | | 8.5 |
| Stratford | 410.7 | 434.6 | | 23.9 |
| Strathroy | 363.3 | 412.5 | | 49.2 |
| Streetsville | 721.2 | 799.2 | | 78.0 |
| Tavistock | 590.8 | 589.9 | 0.9 | |
| Tillsonburg | 980.6 | 893.2 | 87.4 | |
| Wallaceburg | 535.9 | 506.8 | 29.1 | |
| *Walsingham | 1,583.1 | 1,463.5 | 119.6 | |
| Walton | 285.7 | 237.3 | 48.4 | |
| Waterdown | 1,798.9 | 1,811.8 | | 12.9 |
| Welland | 2,564.9 | 2,580.6 | | 15.7 |
| Woodbridge | 1,586.9 | 1,789.8 | | 202.9 |
| Woodstock | 1,341.1 | 1,413.4 | | 72.3 |

## GEORGIAN BAY SYSTEM

The primary peak load of the Georgian Bay system occurred in July and was 53,282 horsepower, being 6.8 per cent greater than the previous year's peak, which also occurred in July. The total energy output used for primary load was 3.2 per cent greater.

Water storage and river flow on the Georgian Bay system averaged above normal during the year, being somewhat above normal in the winter months of 1941-42 and subnormal in the summer and early fall of 1942. At the close of the year water conditions were again satisfactory.

Hanover frequency-changer station was in constant operation throughout the year, transferring power and energy between the Niagara system and the Georgian Bay system. Assistance was required from the Niagara system over most of the daily peak load periods. In July, August and September, the station was operated at comparatively high load factor to supplement the energy output of the generating stations in the Georgian Bay system during periods of low river flow and also to conserve water for late fall and winter use. During the last week in August, No. 1 set was unavailable for



service due to coil failure. At this time the Mount Forest frequency-changer station was placed in service to assist in the water conservation program, continuing in service until September 26.

From November, 1941 to the following June, surplus energy was available on this system during off-peak periods. Part of this surplus energy was supplied to a war industry and the balance transferred to the Niagara system.

Under a program of water conservation, the Orillia Water, Light and Power Commission's system was tied in with the Georgian Bay system on a number of occasions in September and October. Surplus energy available at the Orillia plants was thus utilized during periods of excess river flow and water wastage was avoided.

On November 1, 1941 the second of the two units at the Big Eddy generating station was placed on commercial load adding about 5,000 horsepower to the resources of this system. The Trethewey Falls plant, of approximately 2,300 horsepower capacity, was removed from service from June 12 to November 21, 1942, to reconstruct the draft tube and make general repairs to equipment.

During the year the transmission voltage of several circuits was raised from 22,000 to 38,000 volts in order to increase the line capacity on the system. The capacity of many distributing stations was also increased to meet growing load demands and a few new distributing stations were added, the most important of which was a 2,000-kv-a station to supply a steel furnace load at Owen Sound.

### GEORGIAN BAY SYSTEM—LOADS OF MUNICIPALITIES—1941-1942

| Municipality | Peak load in horsepower* | | Change in load | |
|---|---|---|---|---|
| | July to Dec., 1941 | July to Dec., 1942 | Decrease | Increase |
| Alliston | 402.4 | 417.1 | .......... | 14.7 |
| Arthur | 187.0 | 164.0 | 23.0 | .......... |
| Bala | 370.0 | 332.2 | 37.8 | .......... |
| Barrie | 4,305.6 | 4,260.1 | 45.5 | .......... |
| Beaverton | 339.0 | 376.9 | .......... | 37.9 |
| Beeton | 142.3 | 138.5 | 3.8 | .......... |
| Bradford | 248.6 | 225.7 | 22.9 | .......... |
| Brechin | 90.3 | 80.3 | 10.0 | .......... |
| Cannington | 221.1 | 217.5 | 3.6 | .......... |
| Carlsruhe | 5.0 | 5.0 | .......... | .......... |
| Chatsworth | 103.2 | 79.6 | 23.6 | .......... |
| Chesley | 671.1 | 643.4 | 27.7 | .......... |
| Coldwater | 152.5 | 126.7 | 25.8 | .......... |
| Collingwood | 2,565.2 | 2,690.4 | .......... | 125.2 |
| Cookstown | 87.0 | 88.9 | .......... | 1.9 |
| Creemore | 160.3 | 151.9 | 8.4 | .......... |
| Dundalk | 286.0 | 275.2 | 10.8 | .......... |
| Durham | 469.0 | 407.7 | 61.3 | .......... |
| Elmvale | 204.7 | 176.4 | 28.3 | .......... |
| Elmwood | 78.9 | 73.1 | 5.8 | .......... |
| Flesherton | 84.8 | 52.7 | 32.1 | .......... |
| Grand Valley | 146.6 | 138.4 | 8.2 | .......... |
| Gravenhurst | 1,339.5 | 1,146.0 | 193.5 | .......... |
| Hanover | 1,434.8 | 1,442.0 | .......... | 7.2 |
| Hepworth | 32.2 | 14.2 | 18.0 | .......... |
| Holstein | 24.6 | 25.1 | .......... | 0.5 |
| Huntsville | 1,325.7 | 1,245.1 | 80.6 | .......... |
| Kincardine | 754.7 | 847.4 | .......... | 92.7 |
| Kirkfield | 28.0 | 26.0 | 2.0 | .......... |
| Lucknow | 345.8 | 340.2 | 5.6 | .......... |
| MacTier | 146.0 | 145.8 | 0.2 | .......... |
| Markdale | 203.6 | 204.2 | .......... | 0.6 |
| Meaford | 761.1 | 731.1 | 30.0 | .......... |
| Midland | 4,197.1 | 4,760.1 | .......... | 563.0 |
| Mildmay | 164.3 | 142.2 | 22.1 | .......... |
| Mount Forest | 579.5 | 515.2 | 64.3 | .......... |
| Neustadt | 44.6 | 45.0 | .......... | 0.4 |
| Orangeville | 795.9 | 789.2 | 6.7 | .......... |
| Owen Sound | 5,209.4 | 5,682.2 | .......... | 472.8 |
| Paisley | 157.5 | 139.1 | 18.4 | .......... |

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*Consult note to table of Niagara system municipal loads on page 10.

## GEORGIAN BAY SYSTEM—LOADS OF MUNICIPALITIES—1941-1942—Concluded

| Municipality | Peak load in horsepower | | Change in load | |
|---|---|---|---|---|
| | July to Dec., 1941 | July to Dec., 1942 | Decrease | Increase |
| Penetanguishene | 1,002.0 | 1,060.6 | .......... | 58.6 |
| Port Carling | 298.9 | 282.4 | 16.5 | .......... |
| Port Elgin | 590.5 | 666.0 | .......... | 75.5 |
| Port McNicoll | 99.6 | 93.4 | 6.2 | .......... |
| Port Perry | 340.7 | 334.8 | 5.9 | .......... |
| Priceville | 10.0 | 10.0 | .......... | .......... |
| Ripley | 106.8 | 112.9 | .......... | 6.1 |
| Rosseau | 62.9 | 49.0 | 13.9 | .......... |
| Shelburne | 271.0 | 257.4 | 13.6 | .......... |
| Southampton | 611.7 | 692.5 | .......... | 80.8 |
| Stayner | 340.4 | 314.0 | 26.4 | .......... |
| Sunderland | 90.6 | 75.6 | 15.0 | .......... |
| Tara | 122.1 | 120.6 | 1.5 | .......... |
| Teeswater | 170.0 | 135.3 | 34.7 | .......... |
| Thornton | 36.8 | 34.6 | 2.2 | .......... |
| Tottenham | 122.2 | 95.6 | 26.6 | .......... |
| Uxbridge | 386.3 | 373.6 | 12.7 | .......... |
| Victoria Harbour | 121.6 | 118.3 | 3.3 | .......... |
| Walkerton | 975.5 | 1,001.2 | .......... | 25.7 |
| Waubaushene—Voted Area | 145.2 | 139.8 | 5.4 | .......... |
| Wiarton | 363.8 | 301.2 | 62.6 | .......... |
| Windermere | 96.4 | 94.4 | 2.0 | .......... |
| Wingham | 701.8 | 664.7 | 37.1 | .......... |
| Woodville | 105.8 | 77.0 | 28.8 | .......... |

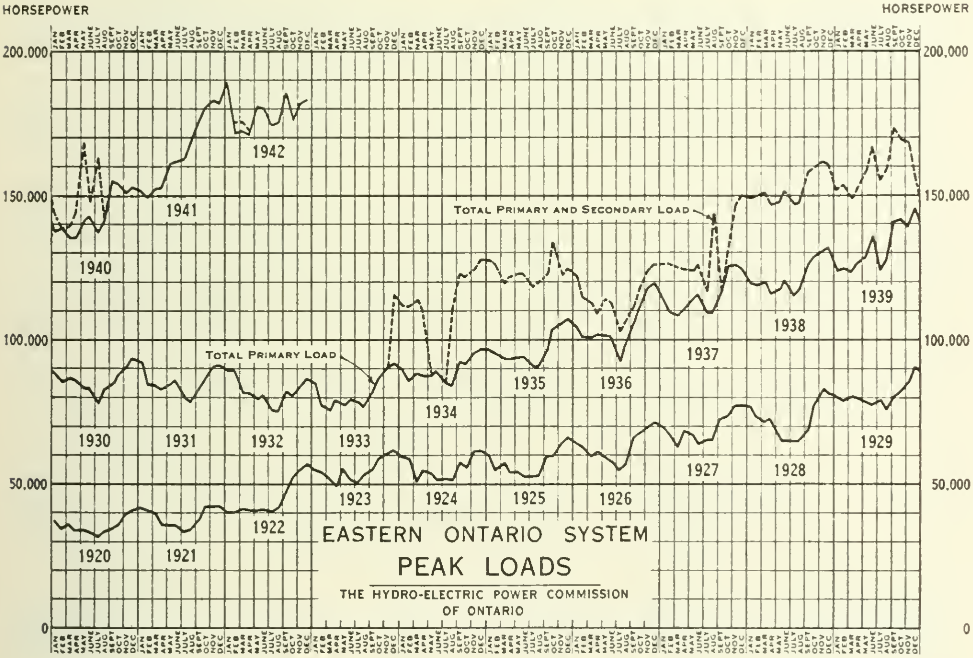
## GEORGIAN BAY SYSTEM—RURAL POWER DISTRICT LOADS—1941-1942

| Rural power district | Peak load in horsepower | | Change in load | |
|---|---|---|---|---|
| | July to Dec., 1941 | July to Dec., 1942 | Decrease | Increase |
| *Alliston | 651.7 | 604.7 | 47.0 | .......... |
| Bala | 734.3 | 663.8 | 70.5 | .......... |
| *Barrie | 543.6 | 460.0 | 83.6 | .......... |
| Baysville | 254.7 | 254.7 | .......... | .......... |
| *Beaumaris | 103.7 | 130.2 | .......... | 26.5 |
| Beaverton | 516.3 | 451.1 | 65.2 | .......... |
| *Bruce | 580.7 | 557.9 | 22.8 | .......... |
| *Cannington | 159.1 | 140.2 | 18.9 | .......... |
| *Creemore | 322.3 | 320.1 | 2.2 | .......... |
| Gravenhurst | 149.4 | 139.7 | 9.7 | .......... |
| Hawkestone | 301.6 | 305.6 | .......... | 4.0 |
| *Holstein | 59.2 | 70.0 | .......... | 10.8 |
| Huntsville | 452.1 | 401.0 | 51.1 | .......... |
| *Midland | 334.7 | 285.8 | 48.9 | .......... |
| Owen Sound | 209.7 | 202.6 | 7.1 | .......... |

### GEORGIAN BAY SYSTEM—RURAL POWER DISTRICT LOADS—1941-1942—Concluded

| Municipality | Peak load in horsepower | | Change in load | |
|---|---|---|---|---|
| | July to Dec., 1941 | July to Dec., 1942 | Decrease | Increase |
| *Shelburne | 474.1 | 467.7 | 6.4 | |
| Sparrow Lake | 399.2 | 427.7 | | 28.5 |
| *Tara | 640.9 | 613.7 | 27.2 | |
| Utterson | 279.1 | 253.0 | 26.1 | |
| *Uxbridge | 644.5 | 563.1 | 81.4 | |
| Wasaga Beach | 1,183.0 | 1,259.3 | | 76.3 |
| *Wroxeter | 525.9 | 517.2 | 8.7 | |

*In 1942, due in part to war conditions, and in order to effect certain economies in operation and administration, the total number of rural power districts was reduced from 184 to 120. In the Georgian Bay system, by consolidations of districts and parts of districts, the number was reduced from 48 to 22. The new consolidated districts are marked with an asterisk. In these districts, to effect a comparison of loads that would show the general trend, the two months' period, using November and December only, after the new conditions were established, has been used and the corresponding peak load in the same areas for the same months of 1941 has been computed and recorded for comparison.



## EASTERN ONTARIO SYSTEM

The primary peak load of the Eastern Ontario system was 186,177 horsepower and occurred early in September just before mandatory restrictions and the campaign for voluntary savings in power demands were introduced. Nevertheless, this was the largest primary demand ever carried on this system, exceeding the primary peak load of the previous year by 3.1 per cent. The total energy output used for primary load was 12.1 per cent greater.

The Eastern Ontario system has been operated in conjunction with the Niagara system throughout the year to utilize water available in the most efficient manner. During the major portion of the year, until the Barrett Chute plant became available for service, the Niagara system supplied the peak shortages of the Eastern Ontario system and also energy shortages when stream flow on the Trent and other rivers was low. During the usual good river flow periods surplus energy was available on the Eastern Ontario system. Part of the surplus was supplied to the Howard Smith Paper Company for electric boiler operation and the balance in effect transferred to the Niagara system.

Stream flow conditions on the rivers in the Eastern Ontario system averaged about normal, being well above normal during the first eight months of the year. Compared with the previous year the energy output of the Commission-owned generating stations on the system, excluding the output of Barrett Chute generating station since August 6 when it was first placed on load, was 7.5 per cent greater.

Under a temporary arrangement with the Gatineau Power Company, an additional 15,000 horsepower became available from the Bryson plant of the above company on November 3, 1941. This delivery was withdrawn on May 31, 1942. The first of the two units of the Barrett Chute development was placed on commercial load on August 6 and the second unit on August 25, adding a total of 54,000 horsepower to the resources of the system.

New distributing stations were placed in service at Arnprior and Petawawa to serve the Department of National Defence, one substation at Cornwall to serve Defence Industries Limited and a regulating transformer of 1,500 kv-a was installed at Smiths Falls transformer station. Capacities of many of the existing stations were increased to meet growing load demands.

**EASTERN ONTARIO SYSTEM—LOADS OF MUNICIPALITIES—1941-1942**

| Municipality | Peak load in horsepower* | | Change in load | |
|---|---|---|---|---|
| | July to Dec., 1941 | July to Dec., 1942 | Decrease | Increase |
| Alexandria | 262.3 | 212.6 | 49.7 | .......... |
| Apple Hill | 51.3 | 54.1 | .......... | 2.8 |
| Arnprior | 1,124.6 | 1,193.4 | .......... | 68.8 |
| Athens | 154.4 | 137.1 | 17.3 | .......... |
| Bath | 49.7 | 51.6 | .......... | 1.9 |
| Belleville | 7,052.7 | 7,561.4 | .......... | 508.7 |
| Bloomfield | 153.3 | 158.8 | .......... | 5.5 |
| Bowmanville | 2,968.8 | 2,752.3 | 216.5 | .......... |
| Braeside | 381.4 | 351.6 | 29.8 | .......... |
| Brighton | 416.7 | 402.3 | 14.4 | .......... |

*Consult note to table of Niagara system municipal loads on page 10.

## EASTERN ONTARIO SYSTEM—LOADS OF MUNICIPALITIES—1941-1942—Concluded

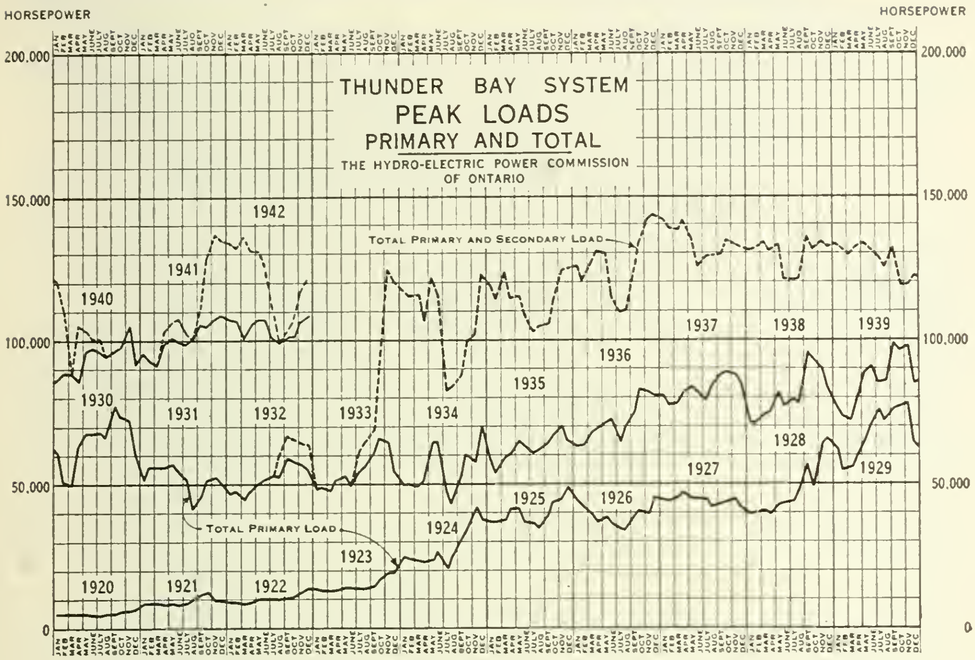
| Municipality | Peak load in horsepower | | Change in load | |
|---|---|---|---|---|
| | July to Dec., 1941 | July to Dec., 1942 | Decrease | Increase |
| Brockville | 4,802.9 | 4,815.0 | .......... | 12.1 |
| Cardinal | 354.7 | 376.5 | .......... | 21.8 |
| Carleton Place | 1,989.1 | 1,924.2 | 64.9 | .......... |
| Chesterville | 326.5 | 292.8 | 33.7 | .......... |
| Cobden | 92.8 | 90.6 | 2.2 | .......... |
| Cobourg | 2,383.6 | 2,496.9 | .......... | 113.3 |
| Colborne | 241.8 | 205.1 | 36.7 | .......... |
| Deseronto | 191.8 | 205.6 | .......... | 13.8 |
| Finch | 112.4 | 98.1 | 14.3 | .......... |
| Frankford | 167.2 | 163.4 | 3.8 | .......... |
| Hastings | 118.6 | 105.7 | 12.9 | .......... |
| Havelock | 156.0 | 144.0 | 12.0 | .......... |
| Iroquois | 309.6 | 260.3 | 49.3 | .......... |
| Kemptville | 441.7 | 344.4 | 97.3 | .......... |
| Kingston | 13,779.3 | 13,221.2 | 558.1 | .......... |
| Lakefield | 357.9 | 353.5 | 4.4 | .......... |
| Lanark | 103.1 | 83.4 | 19.7 | .......... |
| Lancaster | 56.1 | 54.1 | 2.0 | .......... |
| Lindsay | 3,810.6 | 3,859.9 | .......... | 49.3 |
| Madoc | 210.5 | 193.3 | 17.2 | .......... |
| Marmora | 155.2 | 136.3 | 18.9 | .......... |
| Martintown | 42.9 | 34.4 | 8.5 | .......... |
| Maxville | 119.6 | 111.3 | 8.3 | .......... |
| Millbrook | 96.7 | 85.1 | 11.6 | .......... |
| Morrisburg | 328.3 | 286.9 | 41.4 | .......... |
| Napanee | 1,539.0 | 1,442.4 | 96.6 | .......... |
| Newburgh | 53.3 | 43.3 | 10.0 | .......... |
| Newcastle | 223.3 | 220.1 | 3.2 | .......... |
| Norwood | 168.7 | 139.3 | 29.4 | .......... |
| Omemee | 248.4 | 155.1 | 93.3 | .......... |
| Orono | 102.3 | 91.5 | 10.8 | .......... |
| Oshawa | 20,053.3 | 16,789.4 | 3,263.9 | .......... |
| Ottawa | 35,107.2 | 35,419.0 | .......... | 311.8 |
| Perth | 1,787.5 | 1,737.3 | 50.2 | .......... |
| Peterborough | 12,773.7 | 12,189.5 | 584.2 | .......... |
| Picton | 1,277.2 | 1,209.6 | 67.6 | .......... |
| Port Hope | 2,500.7 | 2,483.8 | 16.9 | .......... |
| Prescott | 1,272.8 | 1,474.5 | .......... | 201.7 |
| Richmond | 74.8 | 89.9 | .......... | 15.1 |
| Russell | 76.2 | 64.8 | 11.4 | .......... |
| Smiths Falls | 2,833.1 | 2,785.1 | 48.0 | .......... |
| Stirling | 314.7 | 298.1 | 16.6 | .......... |
| Trenton | 5,034.8 | 5,230.8 | .......... | 196.0 |
| Tweed | 266.2 | 262.4 | 3.8 | .......... |
| Warkworth | 86.1 | 73.2 | 12.9 | .......... |
| Wellington | 244.0 | 279.9 | .......... | 35.9 |
| Westport | 105.9 | 103.2 | 2.7 | .......... |
| Whitby | 1,548.8 | 1,572.1 | .......... | 23.3 |
| Williamsburg | 149.7 | 103.3 | 46.4 | .......... |
| Winchester | 381.4 | 373.2 | 8.2 | .......... |

## EASTERN ONTARIO SYSTEM—RURAL POWER DISTRICT LOADS—1941-1942

| Rural power district | Peak load in horsepower | | Change in load | |
|---|---|---|---|---|
| | July to Dec., 1941 | July to Dec., 1942 | Decrease | Increase |
| *Arnprior | 469.9 | 428.2 | 41.7 | .......... |
| Belleville | 848.1 | 902.5 | .......... | 54.4 |
| *Bowmanville | 310.8 | 301.5 | 9.3 | .......... |
| *Brighton | 91.6 | 82.0 | 9.6 | .......... |
| *Brockville | 966.9 | 879.5 | 87.4 | .......... |
| Carleton Place | 159.1 | 183.3 | .......... | 24.2 |
| *Cobourg | 762.9 | 629.9 | 133.0 | .......... |
| Fenelon Falls | 635.3 | 597.5 | 37.8 | .......... |
| *Frankford | 635.6 | 716.1 | .......... | 80.5 |
| Kingston | 1,620.6 | 1,532.2 | 88.4 | .......... |
| Lakefield | 333.9 | 222.5 | 111.4 | .......... |
| Madoc | 93.0 | 93.9 | .......... | 0.9 |
| Marmora | 10.0 | 10.0 | .......... | .......... |
| *Martintown | 1,001.5 | 940.8 | 60.7 | .......... |
| Millbrook | 124.5 | 111.0 | 13.5 | .......... |
| Minden | 201.0 | 174.3 | 26.7 | .......... |
| Napanee | 590.4 | 668.7 | .......... | 78.3 |
| Nepean | 1,857.4 | 2,104.4 | .......... | 247.0 |
| Norwood | 91.3 | 94.6 | .......... | 3.3 |
| Omemee | 40.0 | 35.0 | 5.0 | .......... |
| Oshawa | 1,821.2 | 1,941.9 | .......... | 120.7 |
| Peterborough | 1,025.6 | 1,173.4 | .......... | 147.8 |
| *Renfrew | 1,171.3 | 284.2 | 887.1† | .......... |
| *Smiths Falls | 536.4 | 526.0 | 10.4 | .......... |
| Sulphide | 138.8 | 138.1 | 0.7 | .......... |
| Wellington | 1,191.9 | 1,257.5 | .......... | 65.6 |
| *Winchester | 1,113.6 | 1,052.8 | 60.8 | .......... |

*In 1942, due in part to war conitions, and in order to effect certain economies in operation and administration, the total number of rural power districts was reduced from 184 to 120. In the Eastern Ontario system, by consolidations of districts and parts of districts, the number was reduced from 42 to 27. The new consolidated districts are marked with an asterisk. In these districts, to effect a comparison of loads that would show the general trend, the two months' period, using November and December only, after the new conditions were established, has been used and the corresponding peak load in the same areas for the same months of 1941 has been computed and recorded for comparison.

†Most of this decrease was due to loss of a load formerly purchased by the Commission for a customer, now being delivered direct.



## THUNDER BAY SYSTEM

The maximum primary demand on the Thunder Bay system occurred in December, 1941, and was 108,633 horsepower. This was 3,000 horsepower or 2.9 per cent greater than the previous year's peak. The total energy output used for primary load was 7.1 per cent greater. As the result of improved water conditions in the lake Nipigon area, surplus energy was available for electric boiler operation at the paper mills up to about the middle of April. For the balance of the year, outflow from lake Nipigon was in general limited to that required to satisfy primary load demands.

The precipitation on the watershed supplying the Nipigon river plants was 28.27 inches, being above normal for this district. The elevation of lake Nipigon on October 31, 1942, was 851.64, as compared with 852.84 the same day in 1941.

Arrangements were continued in 1942, enabling paper companies under the control of the Abitibi Power and Paper Company to transfer power for electric steam boiler operation from the generating plant of the Kaministiquia Power Company, subsidiary of the Abitibi Power and Paper Company, through the Commission's transformers and over the Commission's transmission circuits. During the year 25,380,300 kilowatt-hours were thus transferred to the paper companies, which, with the surplus energy available at the Cameron Falls and Alexander plants, produced a total of 118,878,300 kilowatt-hours for electric boiler operation.

No serious failure to any equipment on this system occurred and service to all customers was well maintained throughout the year.

### THUNDER BAY SYSTEM—LOADS OF MUNICIPALITIES—1941-1942

| Municipality | Peak load in horsepower | | Change in load | |
|---|---|---|---|---|
| | July to Dec., 1941 | July to Dec., 1942 | Decrease | Increase |
| Beardmore Townsite | 122.9 | 78.9 | 44.0 | .......... |
| Fort William | 16,438.3 | 17,402.8 | .......... | 964.5 |
| Geraldton Townsite | 719.4 | 586.9 | 132.5 | .......... |
| Nipigon Township—Voted Area | 217.9 | 238.6 | .......... | 20.7 |
| *Port Arthur | 18,851.1 | 22,425.1 | .......... | 3,574.0 |

*For comparison, a two month period, using November and December only, has been made as the loads of Thunder Bay Paper and Provincial Paper Companies were separated from Port Arthur and supplied as direct H-E.P.C. customers as from November 1, 1941.

### THUNDER BAY SYSTEM—RURAL POWER DISTRICT LOADS—1941-1942

| Rural power district | Peak load in horsepower | | Change in load | |
|---|---|---|---|---|
| | July to Dec., 1941 | July to Dec., 1942 | Decrease | Increase |
| Nipigon | 6.0 | 6.0 | .......... | .......... |
| Thunder Bay | 685.7 | 708.3 | .......... | 22.6 |

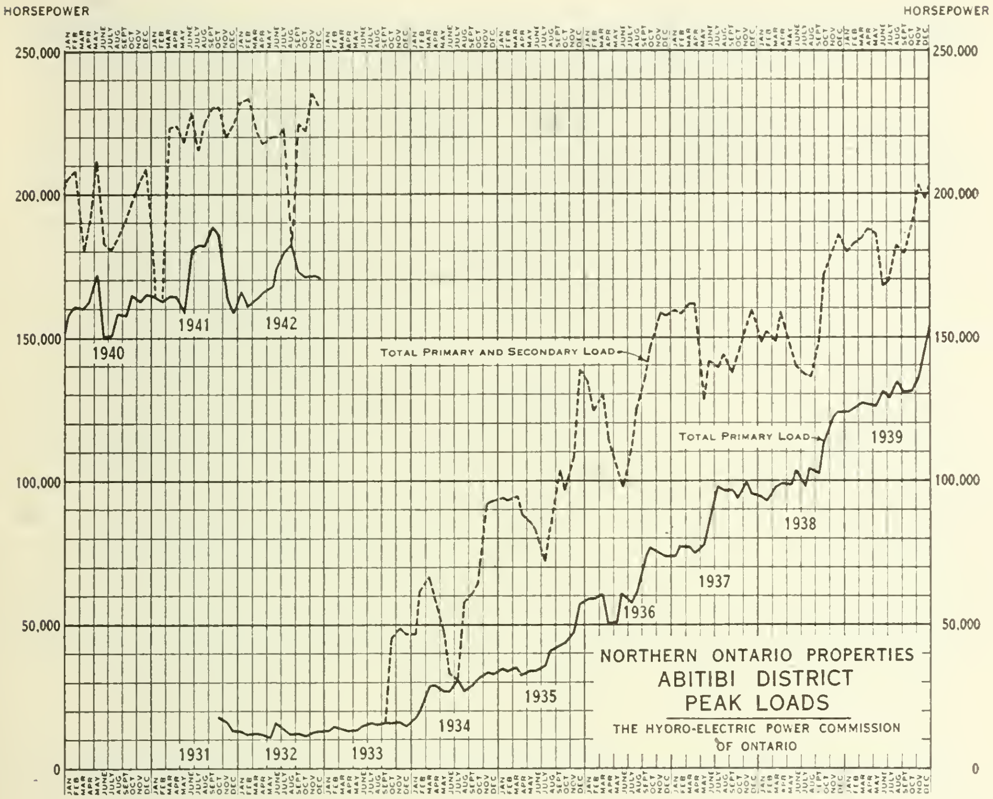
## NORTHERN ONTARIO PROPERTIES

### Abitibi District

The primary peak demand dropped from 188,740 horsepower in the previous year to 182,708 horsepower. The recession in primary power was mainly attributable to the curtailment in gold mining operations resulting from the November, 1941, miners' strike, from which there was little recovery following the ending of the strike due to the transfer of labor to other fields more essential in the conduct of the war. The transfer of the load of the Noranda Mines in November, 1941, from the Canada Northern Power Corporation, a customer of the Commission, to the Quebec Streams Commission was another contributing factor in the reduction of primary demands in 1942.

Compared with the previous year, demands for primary energy were 6 per cent smaller, but the total energy output in the Abitibi district was 2.7 per cent greater, there being a substantial increase in delivery of surplus energy to the electric boilers at the paper mills of the Abitibi Power and Paper Company.

All storage basins were filled at the commencement of the year and more water was available in November and December, 1941, than could be used

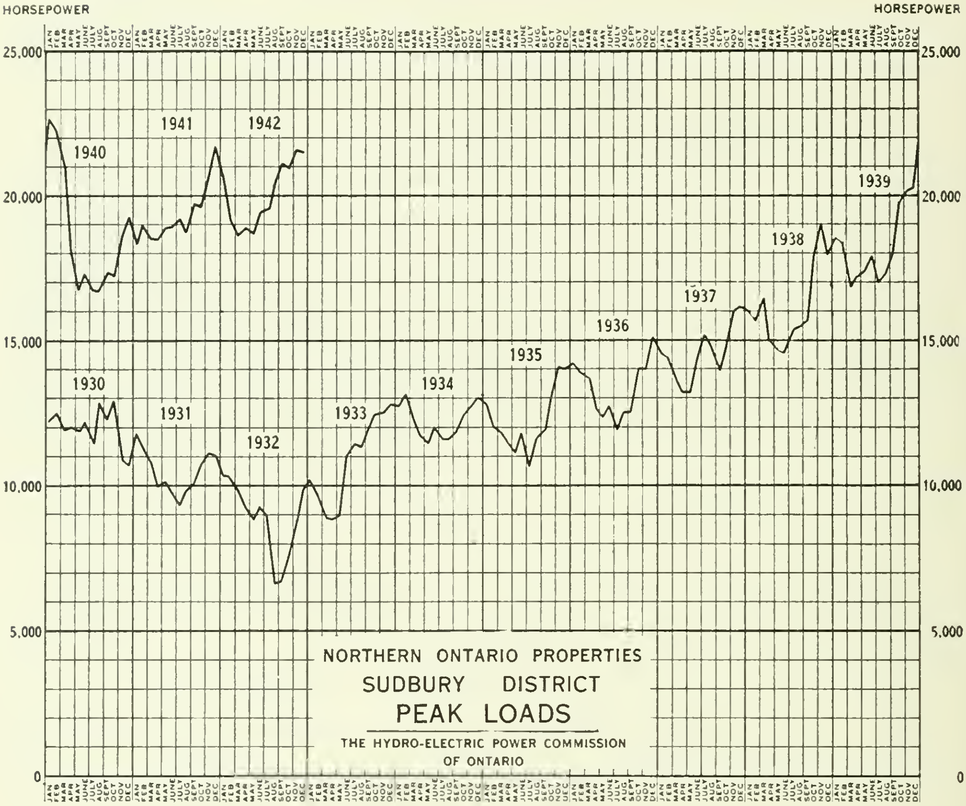


at the Canyon plant. Subnormal precipitation in May and June following the spring run-off caused storage to be depleted to such an extent that in September arrangements were made to purchase power from the Abitibi Power and Paper Company to conserve storage for fall and winter use. However, only a small purchased amount was necessary as heavy precipitation in the latter part of September improved water conditions and the natural run-off for the balance of the year was in excess of what could be utilized at the Canyon plant.

Operation of all stations and transmission lines was satisfactory throughout the year. Work in connection with the transfer of No. 3 unit at the Canyon generating station to the new 25-cycle power development at DeCew Falls was started in the summer and most of the heavier parts of the turbine have been shipped.

### Sudbury District

The Sudbury district primary peak load rose from 19,697 horsepower in the previous year to 21,692 horsepower, an increase of 10.1 per cent. The total energy output used for primary load was 5.2 per cent greater. No secondary power or surplus energy was distributed in this district.



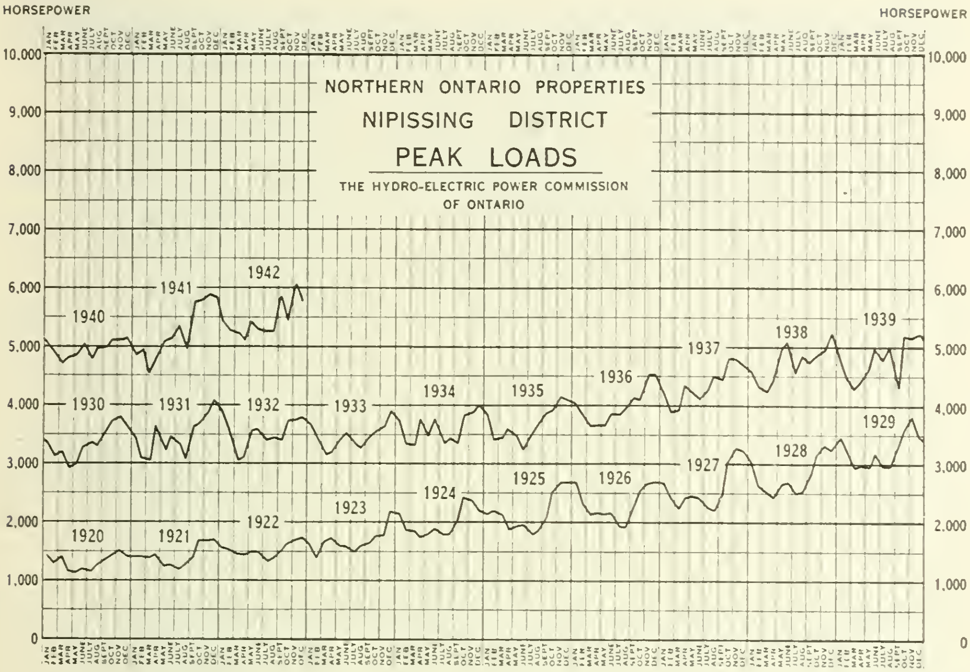
NORTHERN ONTARIO PROPERTIES
SUDBURY DISTRICT
PEAK LOADS
THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

Water conditions in the Sudbury district averaged above normal for the year. Subnormal precipitation in the summer, however, caused storage to be depleted to a point where it became advisable to purchase power as a storage conservation measure. Consequently, commencing August 19 and continuing for the balance of the year, some 1,500 horsepower was purchased from the Abitibi Power and Paper Company's Sturgeon Falls plant. This power was delivered into the Nipissing district which is interconnected with the Sudbury district and thus relieved shortages in both districts.

### Nipissing District

In the Nipissing district the peak load showed little change from the previous year, rising 1.5 per cent from 5,791 to 5,878 horsepower. The energy output however was 7.9 per cent greater. This was all primary load.

Although water conditions averaged above normal for the year, river flows were insufficient to generate the total power requirements in this district. The shortage was supplied by the Sudbury district during the first part of the year and later by power purchased from the Abitibi Power and Paper Company as noted above.



## Manitoulin District

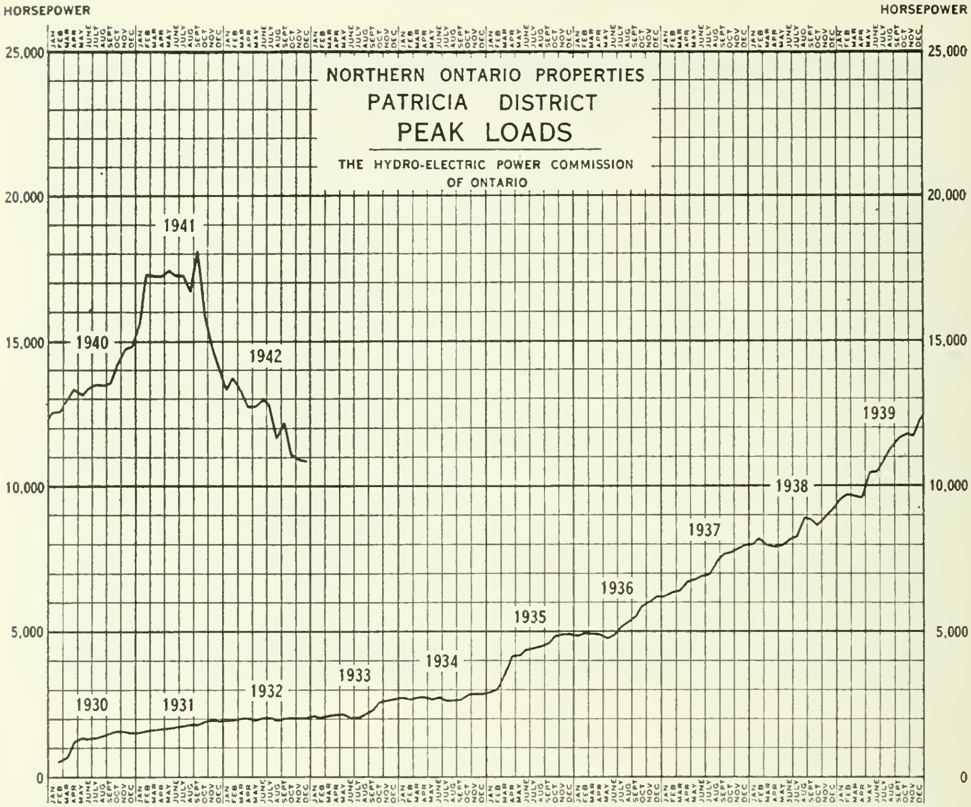
Throughout the year the operation of this district was normal. Generally speaking the average load was greater in 1942 due to the inclusion of the town of Little Current which has been served since the summer of 1941. Chiefly for this reason the energy output was greater by about 29 per cent.

## Patricia District

The peak load receded from 18,070 horsepower in the previous year to 14,812 horsepower, a reduction of 18 per cent. The energy output was down 25 per cent. Recessions in mining activities resulting chiefly from the closing down of the Howey Gold Mines and the Gold Eagle Gold Mines account for most of the reduction.

In general the Rat Rapids generating station was operated at capacity throughout the year, while the output of the Ear Falls generating station was governed by district load demands.

Except for a period of about one week, May 28 to June 5, when the Uchi-Crow River 44,000-volt line was out of service due to 25 poles being destroyed by a bush fire, operation of the district was normal during the year. During the outage of the above line, the load of the customers in the St. Joseph area was restricted to the output of the Rat Rapids generating station.



## NORTHERN ONTARIO PROPERTIES—LOADS OF MUNICIPALITIES—1941-1942

| Municipality | Peak load in horsepower | | Change in load | |
|---|---|---|---|---|
| | July to Dec., 1941 | July to Dec., 1942 | Decrease | Increase |
| ABITIBI DISTRICT | | | | |
| Hislop Townsite | 63.3 | 45.3 | 18.0 | .......... |
| Kearns Townsite | 147.2 | 134.0 | 13.2 | .......... |
| King Kirkland Townsite | 39.1 | 27.7 | 11.4 | .......... |
| Matachewan Townsite | 246.4 | 188.3 | 58.1 | .......... |
| Mooretown | 49.5 | 43.4 | 6.1 | .......... |
| Ramore-Matheson | 139.0 | 129.9 | 9.1 | .......... |
| SUDBURY DISTRICT | | | | |
| Capreol | 256.3 | 228.5 | 27.8 | .......... |
| Sudbury | 10,030.6 | 9,865.9 | 164.7 | .......... |
| NIPISSING DISTRICT | | | | |
| Callander | 138.5 | 111.1 | 27.4 | .......... |
| Nipissing | 3.0 | 3.0 | .......... | .......... |
| North Bay | 4,664.1 | 4,459.4 | 204.7 | .......... |
| Powassan | 157.1 | 131.5 | 25.6 | .......... |
| PATRICIA DISTRICT | | | | |
| Cottage Cove | 38.1 | 57.6 | .......... | 19.5 |
| Hudson | 93.3 | 67.1 | 26.2 | .......... |
| Red Lake Distribution | 209.4 | 129.9 | 79.5 | .......... |
| Sioux Lookout | 352.5 | 328.4 | 24.1 | .......... |

### NORTHERN ONTARIO PROPERTIES—RURAL POWER DISTRICT LOADS—1941-1942

| Rural power district | Peak load in horsepower | | Change in load | |
|---|---|---|---|---|
| | July to Dec., 1941 | July to Dec., 1942 | Decrease | Increase |
| Abitibi district | | | | |
| Connaught | 332.2 | 398.1 | .......... | 65.9 |
| Sudbury district | | | | |
| Sudbury | 639.5 | 723.6 | .......... | 84.1 |
| Nipissing district | | | | |
| North Bay | 580.0 | 538.8 | 41.2 | .......... |
| Powassan | 87.9 | 84.0 | 3.9 | .......... |
| Manitoulin district | | | | |
| Manitoulin | 589.0 | 497.3 | 91.7 | .......... |

## MISCELLANEOUS

### Forestry

The Forestry division continued its regular transmission and rural line clearing operations to protect the Commission's plant and service from tree interference.

The year's maintenance operations involved treatment of 101,473 trees and 1,480 pole spans of underbrush spread over 2,685 miles of power transmission telephone and rural distribution lines.

Line clearing operations were performed for sixteen municipal Hydro systems in the Niagara, Georgian Bay and Eastern Ontario systems. This work involved treatment of 5,760 trees spread over 79 miles of local primary and secondary lines. These figures show an increase in the number of municipalities served and the volume of work performed.

# SECTION III

## MUNICIPAL WORK

THE Commission acts in an advisory capacity to the municipalities with which it has contracts, and assists municipal officials to purchase, construct or extend distribution systems. As provided under The Power Commission Act, all rate adjustments are approved by the Commission, therefore, a study of the operating conditions of all utilities is made annually and adjustments recommended.

In rural power districts, the Commission on behalf of the township corporations operates the rural power systems and distributes electrical energy to the customers of the respective corporations in all such rural power districts.

### NIAGARA SYSTEM

Under the terms of contracts entered into during the fiscal year 1938, the Commission took delivery during the year of the following additional amount of power from:

| | *Horsepower* |
|---|---|
| Beauharnois Light, Heat and Power Company and Coteau Rapids Transmission Company Limited | 50,000 |
| An amendment to the 1938 agreement with the Maclaren-Quebec Power Company and the James Maclaren Company Limited was completed providing for the delivery of an additional | 25,000 |
| Total additional power taken | 75,000 |

The total average load sold to all customers, including war industries, showed an increase of 11.2 per cent. Loads in urban municipalities increased by 6.8 per cent and in rural power districts by 6.6 per cent.

The year 1942 was not spectacular in the production of new types of industries, but extensions of Hydro facilities were made to serve the following:

1. Electro-chemical and electro-metallurgical industries, on the Welland canal and in the Niagara peninsula.
2. A further expansion of steel production facilities in the Hamilton and Welland areas.
3. Expansion of aircraft plants in the Toronto district and increasing facilities for manufacturing aircraft parts in many municipalities throughout the Province.

4. Bringing into production facilities created in 1940 and 1941 for the manufacture of anti-aircraft and field artillery.

The expansion of these manufacturing plants has brought about a rapid increase in many allied industries, such as the production of coke, steel, non-ferrous alloys, and so forth.

During the previous year, orders were issued by the Metals Controller to conserve especially non-ferrous metals. The number of new services for other than those engaged in war activities had to be rigidly restricted.

It was, however, necessary to supply new services to a substantial number of new houses constructed in the vicinity of munitions plants, to relieve a very severe shortage of workmen's homes.

Early in 1942 it became evident that with the increasing use of electrical energy for war purposes, certain sections of the Dominion of Canada would soon be faced with the necessity of curtailment in the use of power, and in September it was necessary for the Dominion Power Controller to introduce measures throughout parts of Quebec and in southern Ontario for the purpose of curtailing the consumption of electrical power for non-essential purposes. The restrictions introduced took the form of eliminating non-essential uses of electric lighting and were largely confined to such uses as store-window lighting, electric signs, outdoor lighting, a percentage of street lighting and many other miscellaneous uses, the result of which, together with an appeal by the Commission and the Dominion Power Controller to the general public to be more frugal, has permitted continuance of our war industries without handicap due to the power situation.

Shortly after Pearl Harbor, which event demonstrated that, for a considerable period of time, there would be a curtailment in the Allied rubber sources, and to assist in the conservation of gasoline, active measures were taken by all departments of the Commission to reduce the mileage of the Commission's transportation facilities to the lowest possible degree commensurate with good operation. In bringing this about, such practices as rural customers reading meters, grouping of trouble calls, et cetera, have resulted in a very gratifying reduction in the miles travelled, which not only conserves the nation's rubber supplies but reduces the consumption of much-needed gasoline.

### Engineering Assistance to Municipalities

General engineering assistance was given to nearly all municipalities of the Niagara system respecting the operation and management of their local Hydro utilities.

Certain municipalities received special engineering advice and assistance respecting matters which are more fully referred to below:

**Amherstburg**—Installation was completed of a carrier current control system for one hundred and eighty-five domestic electric water heaters.

**Aurora**—A Hydro By-law will be submitted to the electors of this municipality early in 1943. Substantial help was given to the town in this connection.

**Brantford Township**—For a number of years the operation of the system, billing, collecting, etc., was handled by the Brantford rural office.

In 1942 the local Commission employed a manager and operating staff and is conducting its own affairs from an office in the Brant building in the city of Brantford.

**Burlington**—The Burlington distribution system, which is operated by the Commission, was changed from 2 phase, 2,300 volts, to 3 phase, 4,000/-2,300 volts. This increased the efficiency of the transmission and permitted more effective use of the present capacity in the Burlington substation.

**Dundas**—The existing equipment, installed in 1911, having become overloaded, a new station is proposed.

**Galt**—The transformer capacity of number one substation was increased by the replacement of a 750-kv-a, three-phase transformer by one of 1,500-kv-a capacity.

The 750-kv-a unit was installed at a point where a supply of power was necessary in order to take care of increased war loads.

**Grimsby**—The municipality of Grimsby purchased the distribution system from The Hydro-Electric Power Commission on January 1, 1942. The Commission continued to operate the system for the municipality during the year.

**Guelph**—Changes were made in the distribution system in order to supply a new power consumer.

**Ingersoll**—Plans are under way to install static condensers to improve the power factor of the loads taken by war industries and save line and step-down transformer capacity.

**Kitchener**—Continuing the additions to the substation equipment commenced in 1941, two new unit-type substations, Numbers 4 and 5, were placed in service. These each have 3,000-kv-a transformer capacity, stepping down from 13,200 to 4,000/2,300 volts.

Approximately one-half mile of 13,200-volt line was built to supply three 500-kv-a transformers serving the group of industries in the eastern section of the city.

**New Toronto**—Changes were made in the system to take care of increased demands of power consumers working on war orders.

**Niagara-on-the-Lake**—An additional transformer was erected at the substation, and the distribution system was remodelled, to take care of extensions in the municipality, and particularly at Camp Niagara.

**North York**—The supply of power to a large plant manufacturing aircraft, received attention.

**Petrolia**—A larger electrically-driven pump was installed in the waterworks plant to supply increased demand for water for domestic consumers and a large industrial plant.

**Port Colborne**—Arrangements were completed for the supplying of approximately 1,000 horsepower at 4,000 volts to a local customer.

**Scarborough Township**—The power load having increased in one portion of the township, changes were made in the distribution system, to provide for a new substation of 600-kv-a capacity in the easterly section of the township.

**Thamesford**—A pilot-control system was installed to control the water-heater load.

**Tilbury**—A large munitions plant installed 575-volt, 212-kv-a static condensers to increase the plant efficiency, and reduce demands upon the Utility's distribution line and transformer capacity.

**Windsor**—A new substation, 9,000-kv-a capacity, was placed in service in the easterly part of the city to provide capacity for increased load for the manufacture of munitions. Work is in progress on a new substation of 6,000-kv-a capacity in the westerly part of the city and this will be placed in service during the coming year.

Work was completed on a tie line from the substation (Sandwich substation) in the extreme westerly section of the city to a large industrial plant supplied by a direct line from the Commission's Essex transformer station. This tie line is to transmit temporary power in either direction for emergency and for maintenance purposes.

**Woodstock**—A new bank of three 500-kv-a, 26,400-volt transformers was installed in order to serve the increased war loads.

**York Township**—Increased amounts of power were supplied to a large factory manufacturing munitions.

## GEORGIAN BAY SYSTEM

The Georgian Bay system for the fiscal year 1942 shows substantial load increases for both war operations and for all other classes of service. This system serves the territory included in the counties of Bruce, Grey, Dufferin, Simcoe and Ontario and the district of Muskoka, south and east of the Georgian Bay. No large centres of population exist in this area. The urban districts comprise only one relatively small city, a number of large towns, and many villages. Every urban centre, however, is now receiving service, as well as a large portion of the rural districts. The largest and most important summer resort areas in the Province are situated within the Georgian Bay district and the substantial power demands of these account for the unusual condition of the annual system peak occurring during the summer season.

The war loads on this system include a large explosives plant utilizing some 5,500 horsepower; two shipyards, with a combined load approximating 1,200 horsepower; military training camps and Air Force stations using approximately 3,000 horsepower; an electric smelting steel furnace using approximately 2,000 horsepower, connected during the past year; and various smaller users with a total load approximating 1,200 horsepower, made up of two plants making aeroplane parts, four plants manufacturing small speed boats used for rescue work, submarine chasers and patrol work, an internment camp, a machine shop and a brass foundry which provides almost the entire requirements of bronze propellers for Canada's total shipbuilding effort.

The source of generated power for the system comprises twelve hydro-electric generating plants, having a dependable combined capacity of 43,500 horsepower, plus frequency-changer stations of 14,750 horsepower, obtaining 25-cycle power from the Niagara system and delivering 60-cycle power to the Georgian Bay system. The total combined dependable plant capacity is, therefore, 58,250 horsepower. No new generating plants were added during the year, but the entire transmission system was changed from 22,000 volts to 38,000 volts, requiring various sub-station changes. This increase in transmission voltage was necessary to provide for reduction in transmission losses and to improve voltage regulation under the steady load-growth conditions which have taken place on this system during the past years.

The average load sold to all customers, including war industries, showed an increase of 5.8 per cent. Loads in municipalities increased by 4.9 per cent and rural power districts by 0.1 per cent.

General engineering assistance was given to all urban municipalities of the Georgian Bay system respecting the operation and management of their local Hydro utilities. Certain municipalities received special assistance respecting matters briefly mentioned below:

**Collingwood**—Plans were prepared for regrouping the municipality's feeder equipment in the substation, and all obsolete equipment was replaced.

**Lucknow**—The primary distribution system was renovated and the voltage increased from 4,000 to 8,000 volts.

**Ripley**—The primary distribution system was renovated and the voltage increased from 4,000 to 8,000 volts.

## EASTERN ONTARIO SYSTEM

The load growth on the Eastern Ontario system continued in accordance with estimates until October 1942 when a very definite drop took place. This decrease amounted to nearly 5 per cent of the September load and was due to restrictions under the Dominion Power Controller's orders which were issued on September 20, and also to the response of the householder to an appeal by this Commission for economy in the use of power. This decrease, together with the fact that the Commission's new generating plant at Barrett Chute on the Madawaska river is now developing approximately 54,000 horsepower, places the Eastern system in a more favourable position to carry the yearly peak load of the system which will occur in November or December of this year.

While the output of the generating stations may be sufficient, the capacity of the Commission's lines and stations presents ever recurring local problems; existing war industries expand beyond all previous expectation in one locality, and in another area new war loads start up where none existed before. This year the Commission constructed nine miles of 110,000-volt line into territory never served before, in order to supply an important war industry, while at the other end of the system in an already heavily loaded district, 15 miles of 44,000-volt line were needed to provide additional capacity for the transmission system. The Commission also constructed some miles of 4,000-volt lines at the request of the Department of Mines and Resources, to assist in the development of Fluorspar Mines. This material is now of pressing importance in the steel and aluminum industries.

Increase in transformer capacity was only undertaken at those points where war loads demanded such increase. In all cases of added transformer and transmission line capacity the present shortage of materials is a serious factor, and before such work was undertaken, the permission of the Metals Controller of Canada was always obtained, according to the regulations laid down.

The total average load sold to all customers, including war industries, increased 10.8 per cent. Loads in municipalities increased 5.2 per cent and in rural power districts by 7.4 per cent.

Engineering assistance was given to municipalities in connection with the operation and management of their local Hydro utilities. Certain municipalities received special engineering advice and assistance regarding matters referred to below:

**Belleville**—The capacity of the municipal station was increased by 750-kv-a.

**Hastings**—Arrangements were concluded with the municipality for a joint superintendent to operate the municipal utility and the surrounding rural district.

**Kingston**—The local distribution system was extended and a new substation designed.

**Lindsay**—Plans for handling a large additional load in the Lindsay arsenal were worked out with the co-operation of the local Commission.

**Napanee**—Approval was given for the purchase and renovation of an existing building for use as an office and store-room by the local Commission.

**Trenton**—Installation of a new water-heater control system was made.

**Tweed**—A new building was purchased by the Commission to act as a joint rural and municipal office.

## THUNDER BAY SYSTEM

The Thunder Bay system serves the cities of Port Arthur and Fort William, the rural districts adjacent thereto, and the mining areas at Beardmore and Longlac. Two hydro-electric generating plants on the Nipigon river supply power. In addition to the municipal utilities' requirements, the major portion of the primary power supply on the Thunder Bay system is taken up by three types of industry, all of which are heavy power users, viz: the pulp and paper industry; the grain trade, inclusive of large terminal elevators and storage houses, and the gold mining industry. Although the grain trade and mining operations, and to some extent the pulp and paper industry, have been greatly curtailed, due to war conditions, the pulp and paper industry has shown some improvement in the past year. Improved stream-flow conditions resulted in an increase in the secondary power supplied to the pulp and paper industry for electric-steam generation for process purposes.

Power is purchased from the Kaministiquia Power Company to supplement the available output of the Nipigon river plants of this Commission in supplying the requirements of the Thunder Bay system. Power is used for war purposes in connection with shipbuilding and aeroplane construction.

The total average load sold to all customers increased 5.9 per cent.

Engineering assistance concerning local operating problems was given to the Port Arthur, Fort William and Nipigon village Commissions, and all the operating mines in the district were visited periodically for the purpose of rendering assistance in power supply problems.

## NORTHERN ONTARIO PROPERTIES

The Northern Ontario Properties provide electrical service for that portion of the Province lying north of the French river and west of the Quebec boundary, excluding the area served by the Thunder Bay system. Four districts, Abitibi, Sudbury, Nipissing and Patricia, are served with power, chiefly for mining purposes and for communities dependent upon the mines. The Hydro-Electric Power Commission of Ontario operates these various properties in trust for the Province. The cities of Sudbury and North Bay and the towns of Capreol and Sioux Lookout own and operate their local distribution systems, purchasing power from the Commission at fixed rates. Rural power districts are also served including one on Manitoulin island.

The **Abitibi district** includes the mining areas of Porcupine, Kirkland Lake, Matachewan and Shiningtree and a portion of the Sudbury area. Power is supplied at 25 cycles from a generating plant on the Abitibi river at Abitibi canyon. Most of the output of this plant is delivered to gold mines and two large nickel mines. The average load decreased during the year by 3.7 per cent.

The **Sudbury district** includes the city of Sudbury and adjacent rural areas. Power is supplied from three generating plants on the Wanapitei river and from one plant on the Sturgeon river. Service is supplied at 60 cycles for domestic and commercial purposes in the city of Sudbury, and for mining operations to two large nickel mines. The average load in this district increased by 6.5 per cent.

The **Nipissing district** includes the city of North Bay and adjacent rural areas. Power is supplied from three generating plants on the South river, operated at 60 cycles, and is used almost exclusively for domestic and commercial purposes in urban and rural districts. The average load in this district increased by 4.8 per cent.

The **Patricia district** includes the mining areas of Red Lake, Woman Lake and Pickle Lake. Power is supplied from generating plants at Ear Falls on the English river and at Rat Rapids on the Albany river. Service is supplied at 60 cycles for gold mining purposes, with some power utilized by the pulp and paper industry, and for domestic and commercial purposes in the town of Sioux Lookout. The average load decreased during the year by 16.1 per cent.

The combined average peak demand for the fiscal year 1942 for these four districts was 202,043 horsepower, a reduction of 7,450 horsepower. The reduction was due to mines closing down on account of exhausted ore bodies, or to mines suspending or greatly reducing production due to war conditions. Some of the load reduction was offset by large increases in the demands of the two nickel mines also due to war conditions. The total combined loads of the two nickel companies is almost 100,000 horsepower. The machine shops of the various gold mines are working on Bits and Pieces war work.

Engineering assistance concerning power supply problems was given to the cities and towns served, and the various mining properties were visited by the Commission's engineers for the same purpose.

# SECTION IV

## RURAL ELECTRICAL SERVICE

### IN ONTARIO

DURING the year 1942, the Commission was unable to undertake large rural extensions, due to the necessity of conserving construction material for war purposes. Near the end of the previous year most rural construction closed, except where service was required in connection with war industries. However, it was necessary to complete a number of small extensions which had been undertaken in 1941 and in addition a very limited number of extensions were arranged for in 1942, because of war industries.

The land area of the Province of Ontario extends over a vast territory of 363,282 square miles, of which about 35,700 square miles are occupied for agriculture. The total rural population in the area served by The Hydro-Electric Power Commission, or in adjacent areas within transmission distance of the Commission's power supply, is approximately 1,100,000.

There are 120 operating rural power districts, and power is delivered to approximately 135,100 rural consumers, comprising farms and dwellings in various groups. The consumers are situated in 434 organized townships; 23 unorganized townships and 119 police villages, villages and small towns and are served over a network of rural primary lines which aggregate 20,072 miles. In addition to the 457 townships served by rural power districts, 10 townships are served jointly by rural power districts and voted areas.

During the past year the mileage of rural line extensions approved for construction in rural power districts in Ontario was 27. In all, 3,942 consumers were added.

The average aggregate peak load* supplied to all rural Hydro consumers, including war industries in rural areas in the Province, amounted to 86,552 horsepower, an increase of 6.4 per cent over 1941.

The delivery of power was considerably reduced toward the end of the year, due to the curtailment of power as provided by the order of the Dominion Power Controller, and to voluntary economies by consumers. Thus the aggregate peak load for the month of October was reduced from 88,796, established in 1941, to 84,032 in 1942.

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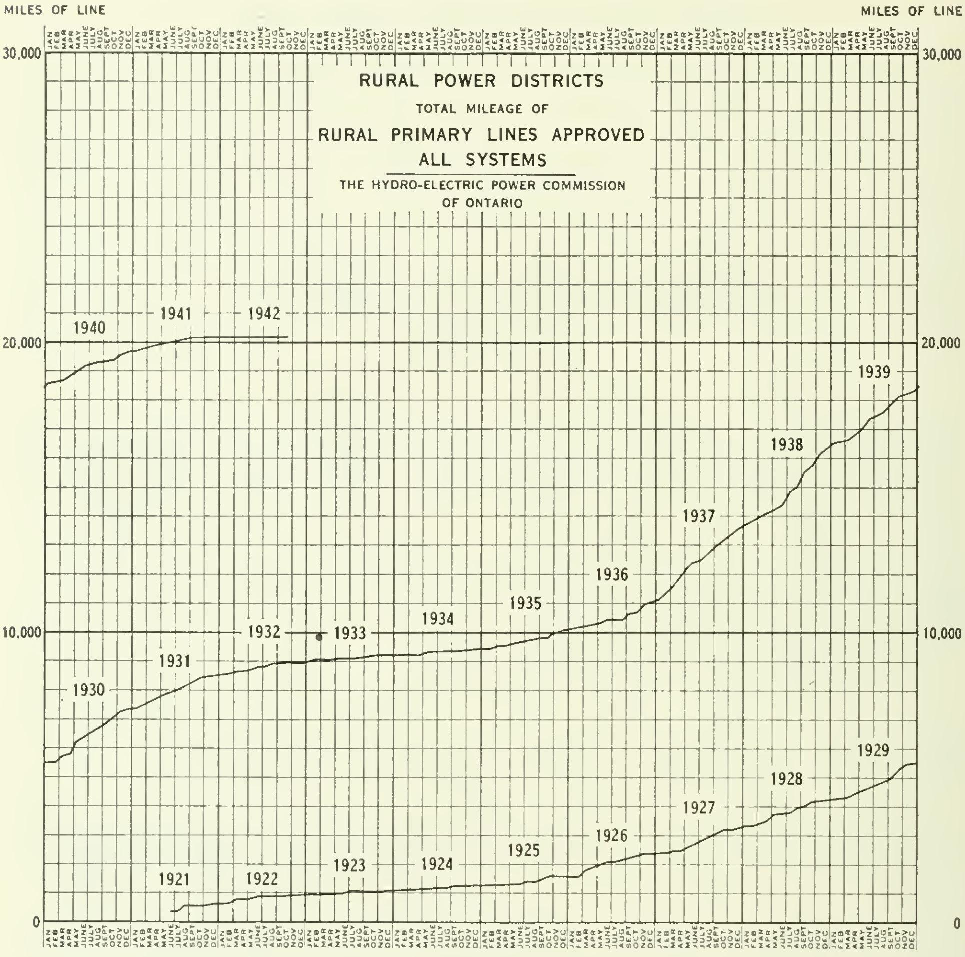
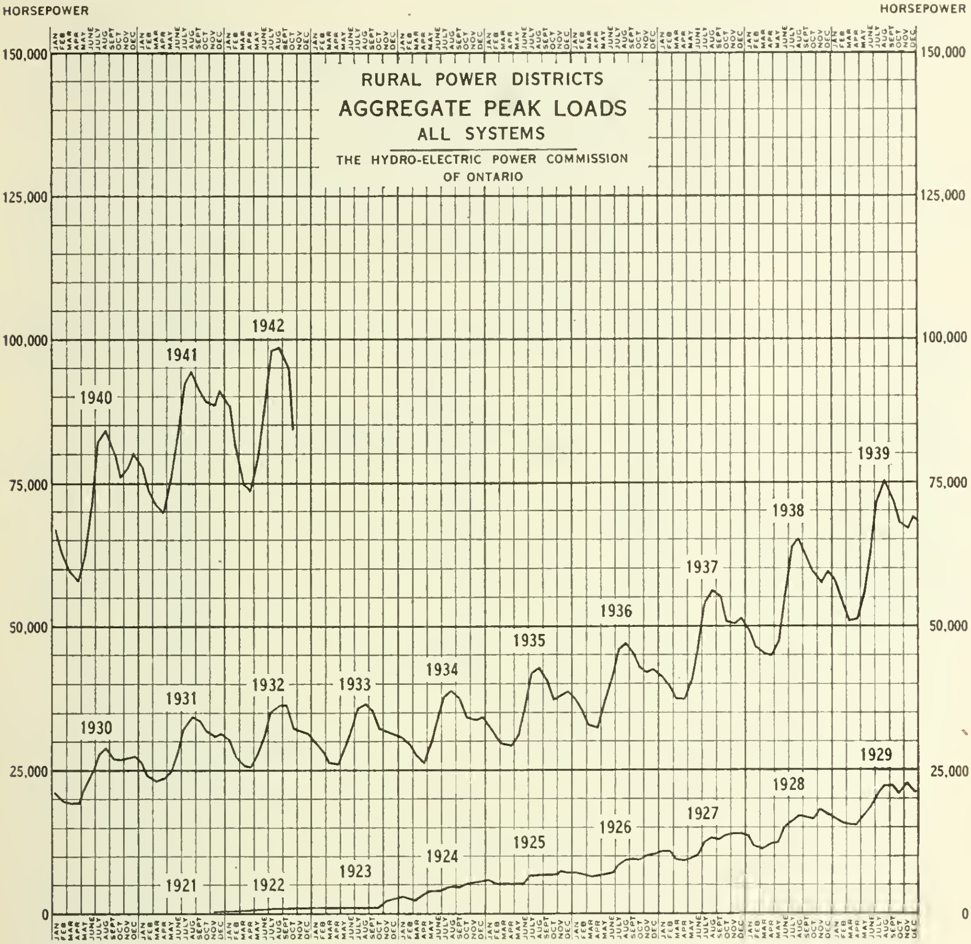
*Average aggregate peak load is the summation of the twelve monthly peak loads for each and all rural power districts, divided by twelve.



Census data indicate that there are approximately 200,000 farms in Ontario, varying from one acre to six hundred acres, or larger. It would be erroneous, however, to conclude that hydro-electric service will eventually extend to such a number of farms. Approximately ten per cent of these are very small, and service to them, if available, is supplied by the Commission under rates applicable to non-farm classes. There are also large numbers of farms jointly owned and tenanted, some having no residential buildings on them, and there are also a large number situated in remote districts out of reach of Hydro lines and stations.



During the period that the regulations respecting service to rural consumers required a minimum of three farm contracts per mile of primary line the Commission made surveys in various parts of the Province and estimated that approximately 75,000 standard or large farms would comprise the probable ultimate total of farms that could be served on this basis. Since that time new regulations have been made permitting service on the basis of two farms per mile, which necessarily has increased the number of additional farms that may be served.

Due to war conditions and regulations, the construction of rural primary lines during the coming year will be limited to war industries.

Recent estimates of the major electrical appliances used in rural districts are set out in the following table:

### ELECTRICAL APPLIANCES IN USE AMONG FARM CONSUMERS IN RURAL POWER DISTRICTS

**Data for all systems for the year 1941**

| On the farm | | | In the farm home | | |
|---|---|---|---|---|---|
| Item | Number of appliances | Percentage of saturation | Item | Number of appliances | Percentage of saturation |
| Motor | 11,692 | 18.9 | Range | 11,781 | 19.0 |
| Pump | 9,725 | 15.7 | Hot plate | 14,111 | 22.8 |
| Grain grinder | 4,018 | 6.5 | Washer | 39,635 | 63.9 |
| Milking machine | 3,201 | 5.2 | Vacuum cleaner | 10,117 | 16.3 |
| Milk cooler | 1,473 | 2.4 | Water heater, flat rate | 2,815 | 4.5 |
| Cream separator | 4,915 | 7.9 | Water heater, metered | 1,380 | 2.2 |
| Churn | 646 | 1.0 | Grate | 525 | 0.8 |
| Incubator | 798 | 1.3 | Portable air heater | 4,848 | 7.8 |
| Brooder | 1,329 | 2.1 | Ironer | 900 | 1.4 |
| Hot bed | 63 | 0.1 | Hand irons | 49,037 | 79.1 |
| Water heater, flat rate | 154 | 0.2 | Refrigerator | 10,375 | 16.7 |
| Water heater, metered | 89 | 0.1 | Toaster | 34,150 | 55.1 |
| Miscellaneous | 757 | 1.2 | Radio | 48,445 | 78.1 |
| | | | Furnace blower | 1,318 | 2.1 |
| | | | Pump | 9,973 | 16.1 |
| | | | Miscellaneous | 2,044 | 3.3 |

The following table makes comparison between rural and urban use:

### ELECTRICAL APPLIANCES IN USE IN HOMES OF URBAN AND RURAL CONSUMERS—1941

| Electrical appliance | R.P.D. Hamlet | | R.P.D. Farm | | Urban | |
|---|---|---|---|---|---|---|
| | Number of appliances | Percentage of saturation | Number of appliances | Percentage of saturation | Number of appliances | Percentage of saturation |
| Range | 6,760 | 13.1 | 11,781 | 19.0 | 172,487 | 31.0 |
| Hot plate | 13,043 | 25.3 | 14,111 | 22.8 | 105,627 | 18.9 |
| Washer | 27,423 | 53.3 | 39,635 | 63.9 | 289,856 | 52.0 |
| Vacuum cleaner | 9,056 | 17.6 | 10,117 | 16.3 | 202,270 | 36.3 |
| Water heater, flat rate | 2,239 | 4.3 | 2,815 | 4.5 | 74,206 | 13.3 |
| Water heater, metered | 1,177 | 2.3 | 1,380 | 2.2 | 66,029 | 11.8 |
| Grate | 417 | 0.8 | 525 | 0.8 | 38,378 | 6.9 |
| Air heater | 3,992 | 7.7 | 4,848 | 7.8 | 159,408 | 28.6 |
| Ironer | 877 | 0.9 | 900 | 1.4 | 18,500 | 3.3 |
| Iron | 40,171 | 78.0 | 49,037 | 79.1 | 528,504 | 94.9 |
| Refrigerator | 9,247 | 18.0 | 10,375 | 16.7 | 127,539 | 22.9 |
| Toaster | 28,252 | 54.9 | 34,150 | 55.1 | 361,897 | 65.0 |
| Radio | 39,617 | 77.0 | 48,445 | 78.1 | 467,536 | 84.0 |
| Furnace blower | 1,188 | 2.3 | 1,318 | 2.1 | 36,848 | 6.6 |
| Grill | ........ | ........ | ........ | ........ | 55,638 | 10.0 |
| Pump | 6,730 | 13.1 | 9,973 | 16.1 | ........ | ........ |
| Air conditioner | ........ | ........ | ........ | ........ | 7,597 | 1.3 |
| Miscellaneous | 2,221 | 4.3 | 2,044 | 3.3 | ........ | ........ |

### Standard Number of Consumers per Mile

Effective May 1, 1938, the Commission received authority by Order-in-Council to construct rural primary lines on a basis of two farms per mile under existing rates. This new basis does not include service to summer cottages, which remains on the previous basis of contracts equivalent to three farms per mile. The standard number of consumers required per mile varies according to the class of service rendered. For this purpose a unit rating is allocated to each class of consumer. A total of ten units per mile made up by various classes of consumers is required before construction work is undertaken.

Note: As previously indicated no construction is being undertaken except to or because of war industries.

The following table shows the number of units for each class of service:

| Class of consumer | Service | Units per class applicable to number per mile—May 1, 1938 | | | |
|---|---|---|---|---|---|
| | | A—Regular rural consumers | | B—Summer cottage consumers | |
| | | Units per contract | Contracts per mile | Units per contract | Contracts per mile |
| 1B | Hamlet lighting | 2.25 | 4.4 | 1.5 | 6.7 |
| 1C | Hamlet lighting (range) | 3.75 | 2.7 | 2.5 | 4 |
| 2A | House lighting | 1.9 | 5.3 | 1.25 | 8 |
| 2B | Small farm service (50 acres or less) | 3.5 | 2.9 | 2.35 | 4.3 |
| 3 | Light farm service (over 50 acres) | 5 | 2 | 3.35 | 3 |
| 4 | Medium farm service (single-phase) | 5 | 2 | 3.35 | 3 |
| 5 | Medium farm service (three-phase) | 5 | 2 | 3.35 | 3 |
| 6A | Heavy farm service (single-phase) | 5 | 2 | 3.35 | 3 |
| 6B | Heavy farm service (three-phase) | 5 | 2 | 3.35 | 3 |
| 7A | Special farm service (single-phase) | 5 | 2 | 3.35 | 3 |
| 7B | Special farm service (three-phase) | 5 | 2 | 3.35 | 3 |

### Cabin Service

Arrangements were made during 1940 to provide the Commission's rural customers with electric service to cabins at special rates, which call for a service charge of 30 cents gross per cabin per month and five kilowatt-hours extra per cabin per month to be added to the first kilowatt-hour block. The rates are subject to the usual ten per cent discount for prompt payment. This cabin service is supplementary to the regular supply contract and applies to the months of June, July, August and September of each year.

### Maximum Consumption Charge

The Commission has found that the maximum economic limit of the first domestic use through the rural power districts of the Province is 6 cents per kilowatt-hour. In all rural power districts the first consumption rate is fixed at a maximum of 6 cents per kilowatt-hour. The second rate has a maximum of 2 cents per kilowatt-hour which applies to all districts.

### Low Third Consumption Rate for Long-hour Users

In 1934 the Commission made available for rural consumers a special energy rate for long-hour users of power. This low rate particularly affects under-earth heating (hot-beds) and heating of water. Where the extra use of energy may be obtained from the present equipment, a third follow-up rate per kilowatt-hour of 0.75 cents gross is given in all districts. The first rate remains unchanged, except that as pointed out above it is subject to a maximum of 6 cents per kilowatt-hour, and the kilowatt-hours to be charged at the first rate remain unchanged. The number of kilowatt-hours to be charged at the second rate varies both with the class of service and the first kilowatt-hour rate. At the head of the table of rural rates, at the end of this section, is a schedule which shows the class of service, the number of kilowatt-hours per month to be charged for at the first rate, and the number of kilowatt-hours at the second rate according to the governing first rate. The classification of services for rural power districts is given on page 45.

### Average Cost to Rural Consumers Decreasing

The remarkable benefits obtained by rural communities in regard to the amount charged to them during the period 1928 to 1941 are indicated in the following tables:

HAMLET AND HOUSE LIGHTING SERVICE

Classes 1B, 1C and 2A

| | Annual Revenue | Kilowatt-hours consumed | Number of consumers billed* | Average revenue per kw-hr. | Average monthly bill | Average monthly consumption—kw-hr. |
|---|---|---|---|---|---|---|
| | $ c. | | | cents | $ c | |
| 1928 | 530,407.00 | 10,702,031 | 17,585 | 4.95 | 2.51 | 50.7 |
| 1929 | 663,311.00 | 14,424,770 | 21,219 | 4.60 | 2.85 | 62.0 |
| 1930 | 757,558.00 | 17,815,987 | 25,013 | 4.25 | 2.73 | 64.2 |
| 1931 | 974,224.17 | 22,127,474 | 31,176 | 4.40 | 2.88 | 65.6 |
| 1932 | 1,075,081.03 | 24,654,386 | 33,638 | 4.36 | 2.76 | 63.3 |
| 1933 | 1,133,368.70 | 25,410,470 | 35,941 | 4.46 | 2.70 | 60.1 |
| 1934 | 1,149,876.67 | 27,768,460 | 37,466 | 4.14 | 2.61 | 63.0 |
| 1935 | 1,171,873.28 | 30,802,290 | 39,751 | 3.80 | 2.53 | 66.5 |
| 1936 | 1,239,010.83 | 35,666,241 | 43,014 | 3.47 | 2.49 | 71.8 |
| 1937 | 1,331,919.46 | 40,935,040 | 46,785 | 3.25 | 2.47 | 76.0 |
| 1938 | 1,439,681.39 | 47,612,820 | 52,514 | 3.02 | 2.42 | 79.9 |
| 1939 | 1,649,496.29 | 54,787,544 | 58,328 | 3.01 | 2.36 | 78.3 |
| 1940 | 1,812,550.33 | 60,839,240 | 62,973 | 2.98 | 2.40 | 80.5 |
| 1941 | 1,995,468.46 | 67,587,082 | 67,939 | 2.95 | 2.45 | 82.9 |

*See footnote to next table.

### FARM SERVICE

### Classes 2B, 3, 4, 5, 6A, 6B, 7A and 7B

| Year | Annual revenue | Kilowatt-hours consumed | Number of consumers billed* | Average revenue per kw-hr. | Average monthly bill | Average monthly consumption—kw-hrs. |
|---|---|---|---|---|---|---|
| | $ c. | | | cents | $ c | |
| 1928 | 569,007.00 | 10,969,828 | 9,309 | 5.18 | 4.97 | 96 |
| 1929 | 777,736.00 | 16,022,842 | 12,605 | 4.85 | 5.85 | 121 |
| 1930 | 863,805.00 | 20,507,063 | 16,011 | 4.21 | 5.03 | 119 |
| 1931 | 1,128,554.28 | 25,716,141 | 20,796 | 4.39 | 5.11 | 116 |
| 1932 | 1,255,482.13 | 28,675,400 | 22,432 | 4.38 | 4.84 | 110 |
| 1933 | 1,309,122.96 | 30,062,194 | 23,283 | 4.35 | 4.75 | 109 |
| 1934 | 1,319,922.69 | 33,312,314 | 23,882 | 3.96 | 4.66 | 118 |
| 1935 | 1,343,222.39 | 37,667,453 | 25,357 | 3.57 | 4.55 | 128 |
| 1936 | 1,385,784.39 | 45,447,669 | 28,198 | 3.05 | 4.31 | 141 |
| 1937 | 1,366,484.50 | 54,858,240 | 35,508 | 2.49† | 3.57 | 144† |
| 1938 | 1,711,788.81 | 67,886,882 | 44,565 | 2.52† | 3.56 | 141† |
| 1939 | 2,090,259.14 | 81,613,087 | 53,240 | 2.56† | 3.56 | 139† |
| 1940 | 2,405,092.40 | 93,859,719 | 58,728 | 2.56† | 3.41 | 133† |
| 1941 | 2,690,250.37 | 107,061,610 | 63,304 | 2.51 | 3.54 | 141 |

*It may be observed that the number of consumers reported here does not agree with those shown in other sections of the Annual Report of the Commission. This is due to the fact that the figures given here represent consumers actually billed, but do not include power or special contracts, whereas elsewhere in the Report the tables show the number of contracts executed to the end of the fiscal year. In many cases service is not given until the following year.

†In the period 1937 to 1940, there was an increase in the **statistical average** revenue per kilowatt-hour and a decrease in the **statistical average** monthly consumption per consumer. Actually there was a great increase in the use of electricity by nearly all individual Hydro consumers and a corresponding decrease to each consumer in the average cost per kilowatt-hour. But due to the tremendous growth at this time in new consumers, who for the first few years are not equipped to use large quantities of electricity each month, the smaller monthly consumption of the new consumers when averaged with the increased use of the older consumers produced **per consumer** averages which obscured the true trends of individual growth in use and individual reductions in costs.

#### Rural Loans

Under The Rural Power District Loans Act, 1930, authority was given to The Hydro-Electric Power Commission of Ontario to finance the installation of wiring and the purchase of specified electrical equipment by rural farm consumers.

Owing to the necessity to conserve funds for war purposes this financing was discontinued on October 31, 1940. Up to that time 1,776 loans had been granted, amounting to $360,852. Details are as given in previous Annual Reports.

To October 31, 1942, 1,366 loans had been repaid in full, either through the maturing of the loan or by being paid in advance by the borrower.

## RURAL LINE EXTENSIONS APPROVED BY THE COMMISSION DURING THE YEAR 1942

| System | Miles of primary line | Net increase in number of consumers | | | Power supplied in October 1942 | Capital approved in extensions | |
|---|---|---|---|---|---|---|---|
| | | Hamlet 1B& 1C | Farm etc. | Total | | Total | Provincial grant-in-aid |
| | | | | | h.p. | $ | $ |
| Niagara | 10.65 | 2,055 | 465 | 2,520 | 59,725 | 324,356 | 162,178 |
| Georgian Bay | 0.38 | 66 | 66 | 132 | 6,666 | 4,954 | 22,118 |
| Eastern Ontario | 16.41 | 932 | 232 | 1,164 | 15,177 | 163,612 | 81,806 |
| Thunder Bay | ......... | 38 | 29 | 67 | 690 | 10,350 | 5,175 |
| Northern Ontario Properties | ......... | 50 | 9 | 59 | 1,774 | 12,790 | 6,395 |
| Totals | 27.44 | 3,141 | 801 | 3,942 | 84,032 | 556,062 | 277,672 |

## SUMMARY OF RURAL LINE EXTENSIONS

### As Approved by the Commission from June 1, 1921, to October 31, 1942, Constructed or Under Construction

| System | Miles of primary line | Number of consumers | | | Capital approved for extensions | |
|---|---|---|---|---|---|---|
| | | Hamlet 1B & 1C | Farm etc. | Total | Total | Provincial grant-in-aid |
| | | | | | $ c. | $ c. |
| Niagara | 11,756.70 | 36,025 | 47,722 | 83,746 | 28,819,096.89 | 14,386,268.44 |
| Georgian Bay | 3,063.43 | 10,390 | 8,249 | 18,639 | 6,697,519.95 | 3,261,509.49 |
| Eastern Ontario | 4,631.36 | 13,650 | 14,210 | 27,860 | 10,980,089.31 | 5,490,044.65 |
| Thunder Bay | 288.98 | 505 | 892 | 1,397 | 621,179.00 | 310,589.50 |
| Northern Ontario Properties | 331,88 | 2,734 | 729 | 3,463 | 1,015,550.00 | 507,775.00 |
| Totals | *20,072.35 | 63,204 | 71,802 | 135,106 | 48,133,435.15† | 23,956,187.08† |

*This total includes 6.49 miles of primary line under construction on October 31, 1942, and service to 947 new consumers (mostly Wartime Housing Ltd.) was not completed until after the end of the fiscal year. Construction of 137.70 miles of line, previously approved and subsequently held up due to war conditions, are not included in these totals.

†These totals include $306,700.00 capital and $153,350.00 grant-in-aid respectively, for the construction of certain lines, which were approved by the Commission and Provincial Government by Order-in-Council, but held up due to war conditions.

In the rate tables on the following pages are listed the names of the rural power districts operated by the Commission on October 31, 1942. During the year the Commission, for the purpose of more efficient operation, amalgamated, without an increase in rate, a number of districts; this reduced the total number from 184 to 120.

### CLASSIFICATION OF SERVICES FOR RURAL POWER DISTRICTS

When contracts between the consumer and the township have been executed, users of power in townships are supplied with electric service under general classes, according to the requirements and conditions of the individual consumer, as follows:

| Class | Service | Class demand kilowatts | Phase | Volts | Fuse rating amperes (maximum) |
|---|---|---|---|---|---|
| 1B | Hamlet Lighting | 1.32 | 1 | 110 | 20 |
| 1C | " " | 2 | 1 | 220-110 | 35 |
| 2A | " " | 1.32 | 1 | 110 | 20 |
| 2B | Small Farm Service | 2 | 1 | 220-110 | 35 |
| **3** | **Light Farm Service** | **3** | **1** | **220-110** | **35** |
| 4 | Medium Farm Service | 5 | 1 | 220-110 | 50 |
| 5 | " " " | 5 | 3 | 220-110 | 35 |
| 6A | Heavy Farm Service | 9 | 1 | 220-110 | 100 |
| 6B | " " " | 9 | 1 and 3 | 220-110 | 60 |
| 7A | Special Farm Service | 15 | 1 | 220-110 | According to load |
| 7B | " " " | 15 | 1 and 3 | 220-110 | According to load |

**Class 1:** Hamlet Service—Includes service to customers (other than farm and power users) in hamlets, where four or more consumers are served from one transformer. Service is given under two-sub-classes as follows:

> **Class 1-B:** Service to residences or stores, including use of portable appliances, and permanently installed appliances not exceeding 1,320 watts.
>
> **Class 1-C:** Service to residences or stores with electric range or ordinary permanently installed appliances greater than 1,320 watts. Where a combination of residence and store can be supplied from one service, the combination is billed as a single Class 1-C consumer. Special or unusual loads will be treated specially.

**Class 2-A:** House Lighting—Includes service to all consumers other than farm and power users that cannot be grouped as in Class 1.

**Class 2-B:** Farm Service, Small—Includes service for lighting of farm buildings, power for miscellaneous small equipment and power for single-phase motors not exceeding 2 horsepower and electric range if motors and range are not used simultaneously, on a farm of fifty acres or less.

**Class 3: Farm Service, Light—Includes service for lighting of farm buildings, power for miscellaneous small equipment and power for single-phase motors not exceeding 3 horsepower and electric range if motors and range are not used simultaneously.**

**Class 4:** Farm Service, Medium Single-Phase—Includes service for lighting of farm buildings power for miscellaneous small equipment, and power for single-phase motors up to 5-horsepower demand and electric range if motors and range are not used simultaneously.

**Class 5:** Farm Service, Medium 3-Phase—Includes service for lighting of farm buildings, power for miscellaneous small equipment and power for 3-phase motors up to 5-horsepower demand and electric range if motors and range are not used simultaneously.

**Class 6:** Farm Service, Heavy—Includes service for lighting of farm buildings, power for miscellaneous small equipment and power for motors up to 5-horsepower demand and an electric range, or 10-horsepower demand without an electric range. Single- or three-phase service will be given at the discretion of The Hydro-Electric Power Commission of Ontario.

**Class 7:** Farm Service, Special—Includes service for lighting of farm buildings, power for miscellaneous small equipment, power for 3-phase motors from 10- to 20-horsepower demand and electric range. Single- or three-phase service will be given at the discretion of The Hydro-Electric Power Commission of Ontario.

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NOTE: Classes 2B to 7B are designed primarily to cover the service requirements of farmers. Consumers other than farmers who require a more comprehensive service with greater demand than is provided for in classes 1B, 1C and 2A may obtain this service upon payment of the specified service charge listed in the table of rates.

Note: Class 2B is the service usually supplied to farms of fifty acres or less and Class 3 is the service usually supplied to larger farms. More than 90 per cent of new contracts for farm service are in one or other of these classes.

## RURAL POWER DISTRICTS—MILES OF LINE, NUMBER OF CONSUMERS AND RATES—OCTOBER 31, 1942

| Rural power district | Property number | Miles of line | No. of consumers | Rural rates |  |  |  |  |  |  |  |  |  |  | Gross consumption charges per kilowatt-hour |  |  | Prompt payment discount on gross bill |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  | Class | 1B | 1C | 2A | 2B | **3*** | 4 | 5 | 6A | 6B | 7A | 7B | First energy rate | Second energy rate | Rate for all additional |  |
|  |  |  | Monthly consumption charged for at first energy rate: No. of kw-hrs. per month | 30 | 30 | 30 | 30 | **42** | 70 | 70 | 126 | 126 | 210 | 210 |  |  |  |  |
|  |  |  | Monthly consumption charged for at second energy rate: No. of kw-hrs. where first energy rate is less than 3 cts. | 120 | 270 | 120 | 270 | **258** | 430 | 430 | 774 | 774 | 1290 | 1290 |  |  |  |  |
|  |  |  | 3 cts. | 105 | 240 | 105 | 240 | **228** | 380 | 380 | 684 | 684 | 1140 | 1140 |  |  |  |  |
|  |  |  | 3.1 to 4 cts. | 75 | 180 | 75 | 180 | **168** | 280 | 280 | 504 | 504 | 840 | 840 |  |  |  |  |
|  |  |  | 4.1 to 5 cts. | 60 | 150 | 60 | 150 | **138** | 230 | 230 | 414 | 414 | 690 | 690 |  |  |  |  |
|  |  |  | more than 5 cts. | 45 | 120 | 45 | 120 | **108** | 180 | 180 | 324 | 324 | 540 | 540 |  |  |  |  |
|  |  |  | Maximum gross monthly service charge to summer cottages. Where the rates are below these standards, they are indicated in each instance by †. | $ c.<br>1.11 | $ c.<br>1.56 | $ c.<br>1.11 | $ c.<br>1.56 | $ c.<br>**1.56** | $ c.<br>1.56 | $ c.<br>2.50 | $ c.<br>2.78 | $ c.<br>2.78 | $ c.<br>3.33 | $ c.<br>3.33 |  |  |  |  |
|  |  |  |  | Gross monthly service charge to regular consumers |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **NIAGARA SYSTEM** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | cents | cents | cents | % |
| Aylmer | N11 D2 | 283.40 | 1,736 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 4.5 | 2 | 0.75 | 10 |
| Baden | N7 D1 | 147.63 | 766 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 3 | 1.5 | 0.75 | 10 |
| Beamsville | N17 D3 | 261.72 | 2,228 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 3 | 1.5 | 0.75 | 10 |
| Blenheim | N14 D3 | 102.14 | 656 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 4 | 2 | 0.75 | 10 |
| Bond Lake | N35 D3 | 214.65 | 2,436 | 1.10<br>†1.10 | 1.11<br>1.56 | 1.11<br>1.11 | 1.11<br>1.56 | **1.11**<br>**1.56** | 1.56<br>1.56 | 2.50<br>2.50 | 2.78<br>2.78 | 2.78<br>2.78 | 3.33<br>3.33 | 3.33<br>3.33 | 3 | 1.5 | 0.75 | 10 |
| Bothwell | N14 D10 | 258.49 | 971 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 5 | 2 | 0.75 | 10 |
| Brampton | N13 D2 | 193.69 | 825 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 4 | 2 | 0.75 | 10 |
| Brant | N12 D1 | 205.51 | 1,231 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 3 | 1.5 | 0.75 | 10 |
| Brigden | N18 D8 | 100.85 | 332 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 6 | 2 | 0.75 | 10 |
| Burford | N12 D2 | 251.89 | 1,224 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 4 | 2 | 0.75 | 10 |
| Caledonia | N2 D5 | 212.26 | 1,280 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 4 | 2 | 0.75 | 10 |
| Chatham | N14 D1 | 234.85 | 1,571 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 3.5 | 2 | 0.75 | 10 |
| Chippawa | N1 D7 | 42.00 | 307 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 3.5 | 2 | 0.75 | 10 |
| Delaware | N4 D3 | 204.07 | 1,037 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 4 | 2 | 0.75 | 10 |
| Dorchester | N4 D1 | 155.19 | 898 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 4 | 2 | 0.75 | 10 |
| Dresden | N14 D12 | 112.17 | 395 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 6 | 2 | 0.75 | 10 |
| Dundas | N2 D1 | 183.47 | 1,256 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 3 | 1.25 | 0.75 | 10 |
| Dunnville | N1 D9 | 96.23 | 589 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 5 | 2 | 0.75 | 10 |
| Dutton | N11 D3 | 116.48 | 413 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 6 | 2 | 0.75 | 10 |
| Elmira | N7 D3 | 153.44 | 649 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 4 | 2 | 0.75 | 10 |

† Summer cottage rates.

## RURAL POWER DISTRICTS—MILES OF LINE, NUMBER OF CONSUMERS AND RATES—OCTOBER 31, 1942—Continued

| Rural power district | Rural rates | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Class | | | 1B | 1C | 2A | 2B | 3* | 4 | 5 | 6A | 6B | 7A | 7B | Gross consumption charges | | | Prompt payment discount |
| | Property number | Miles of line | No. of consumers | Gross monthly service charge to regular consumers | | | | | | | | | | | First energy rate‡ | Second energy rate‡ | Rate for all additional | |
| | | | | | | | | NIAGARA SYSTEM—Continued | | | | | | | | | | |
| | | | | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | cents | cents | cents | % |
| Essex | N15 D7 | 235.92 | 1,624 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 4 | 2 | 0.75 | 10 |
| Exeter | N4 D6 | 148.01 | 1,137 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 5 | 2 | 0.75 | 10 |
| Forest | N18 D6 | 218.49 | 888 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 6 | 2 | 0.75 | 10 |
| Galt | N6 D2 | 54.08 | 547 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 3 | 1.5 | 0.75 | 10 |
| Goderich | N8 D2 | 193.95 | 995 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 5 | 2 | 0.75 | 10 |
| Guelph | N5 D3 | 173.23 | 1,011 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 3 | 1.5 | 0.75 | 10 |
| Haldimand | N2 D8 | 231.38 | 1,082 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 4.5 | 2 | 0.75 | 10 |
| Harrow | N15 D4 | 192.69 | 1,932 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 3.5 | 2 | 0.75 | 10 |
| Ingersoll | N10 D3 | 244.00 | 955 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 5.5 | 2 | 0.75 | 10 |
| Keswick | N35 D5 | 190.08 | 2,269 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 4 | 2 | 0.75 | 10 |
| Kingsville | N15 D5 | 195.12 | 2,243 | 1.00 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 3 | 2 | 0.75 | 10 |
| | | | | †1.00 | 1.56 | 1.11 | 1.56 | **1.56** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | | | | |
| Listowel | N8 D8 | 328.91 | 1,287 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 4 | 2 | 0.75 | 10 |
| London | N4 D2 | 248.02 | 3,276 | 0.90 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 3 | 1.5 | 0.75 | 10 |
| | | | | †0.90 | 1.56 | 1.11 | 1.56 | **1.56** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | | | | |
| Lucan | N4 D5 | 169.93 | 526 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 6 | 2 | 0.75 | 10 |
| Lynden | N2 D2 | 90.01 | 423 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 4 | 2 | 0.75 | 10 |
| Markham | N35 D1 | 295.49 | 3,263 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 4 | 2 | 0.75 | 10 |
| Merlin | N14 D15 | 289.72 | 1,303 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 5 | 2 | 0.75 | 10 |
| Milton | N13 D3 | 126.22 | 607 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 4 | 2 | 0.75 | 10 |
| Mitchell | N8 D7 | 126.07 | 593 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 4.5 | 2 | 0.75 | 10 |
| Niagara | N1 D1 | 205.07 | 2,694 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 3 | 1.5 | 0.75 | 10 |
| Norwich | N10 D1 | 172.38 | 911 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 3.5 | 2 | 0.75 | 10 |
| Oil Springs | N18 D3 | 194.71 | 664 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 6 | 2 | 0.75 | 10 |
| Preston | N6 D1 | 196.20 | 1,694 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 3 | 1.25 | 0.75 | 10 |
| Ridgetown | N14 D2 | 137.00 | 956 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 4 | 2 | 0.75 | 10 |
| St. Jacobs | N7 D2 | 104.25 | 571 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 3 | 1.5 | 0.75 | 10 |

† Summer cottage rates.

‡ See heading to first page of table.

## RURAL POWER DISTRICTS—MILES OF LINE, NUMBER OF CONSUMERS AND RATES—OCTOBER 31, 1942—Continued

| Rural power district | Rural rates | | | | | | | | | | | | | | | | | Prompt payment discount |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Class............ | | | 1B | 1C | 2A | 2B | 3* | 4 | 5 | 6A | 6B | 7A | 7B | Gross consumption charges | | | |
| | Property number | Miles of line | No. of consumers | Gross monthly service charge to regular consumers | | | | | | | | | | | First energy rate‡ | Second energy rate‡ | Rate for all additional | |
| **NIAGARA SYSTEM—Continued** | | | | | | | | | | | | | | | | | | |
| | | | | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | cents | cents | cents | |
| St. Marys | N9 D1 | 217.49 | 877 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 5 | 2 | 0.75 | 10 |
| St. Thomas | N11 D1 | 242.54 | 1,753 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 3 | 1.5 | 0.75 | 10 |
| Saltfleet | N17 D1 | 111.26 | 3,378 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 3 | 1.5 | 0.75 | 10 |
| Sandwich | N15 D1 | 164.20 | 3,675 | 1.00<br>†1.00 | 1.11<br>1.56 | 1.11<br>1.11 | 1.11<br>1.56 | **1.11**<br>**1.56** | 1.56<br>1.56 | 2.50<br>2.50 | 2.78<br>2.78 | 2.78<br>2.78 | 3.33<br>3.33 | 3.33<br>3.33 | 3.5 | 1.5 | 0.75 | 10 |
| Sarnia | N18 D4 | 131.26 | 2,044 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 3.5 | 2 | 0.75 | 10 |
| Seaforth | N8 D10 | 34.37 | 197 | 1.10<br>†1.10 | 1.11<br>1.56 | 1.11<br>1.11 | 1.11<br>1.56 | **1.11**<br>**1.56** | 1.56<br>1.56 | 2.50<br>2.50 | 2.78<br>2.78 | 2.78<br>2.78 | 3.33<br>3.33 | 3.33<br>3.33 | 4 | 2 | 0.75 | 10 |
| Simcoe | N12 D6 | 149.20 | 1,010 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 4 | 2 | 0.75 | 10 |
| Stratford | N8 D4 | 60.94 | 338 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 3.5 | 2 | 0.75 | 10 |
| Strathroy | N4 D4 | 168.24 | 574 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 6 | 2 | 0.75 | 10 |
| Streetsville | N13 D1 | 135.12 | 757 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 3.5 | 2 | 0.75 | 10 |
| Tavistock | N8 D1 | 142.54 | 603 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 5 | 2 | 0.75 | 10 |
| Tillsonburg | N10 D4 | 205.38 | 1,253 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 3.5 | 2 | 0.75 | 10 |
| Wallaceburg | N14 D13 | 195.26 | 1,177 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 4 | 2 | 0.75 | 10 |
| Walsingham | N12 D7 | 458.93 | 2.545 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 5 | 2 | 0.75 | 10 |
| Walton | N8 D3 | 106.58 | 508 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 6 | 2 | 0.75 | 10 |
| Waterdown | N2 D3 | 95.96 | 1,386 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 2.5 | 1 | 0.75 | 10 |
| Welland | N1 D5 | 366.95 | 4.550 | 1.00<br>†1.00 | 1.11<br>1.56 | 1.11<br>1.11 | 1.11<br>1.56 | **1.11**<br>**1.56** | 1.56<br>1.56 | 2.50<br>2.50 | 2.78<br>2.78 | 2.78<br>2.78 | 3.33<br>3.33 | 3.33<br>3.33 | 3 | 1.5 | 0.75 | 10 |
| Woodbridge | N16 D1 | 290.94 | 1,801 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 3 | 2 | 0.75 | 10 |
| Woodstock | N10 D2 | 188.48 | 1,070 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 3 | 2 | 0.75 | 10 |
| Total, Niagara System | | 11,756.70 | 83,747 | | | | | | | | | | | | | | | |

*See footnote on page 45. †Summer cottage rates. ‡See heading to first page of table.

## RURAL POWER DISTRICTS—MILES OF LINE, NUMBER OF CONSUMERS AND RATES—OCTOBER 31, 1942—Continued

| Rural power district | Property number | Class | Miles of line | No. of consumers | 1B | 1C | 2A | 2B | 3* | 4 | 5 | 6A | 6B | 7A | 7B | Gross consumption charges: First energy rate‡ | Gross consumption charges: Second energy rate‡ | Gross consumption charges: Rate for all additional | Prompt payment discount |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Gross monthly service charge to regular consumers | | | | | | | | | | | | | | |
| **GEORGIAN BAY SYSTEM** | | | | | | | | | | | | | | | | | | | |
| | | | | | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | cents | cents | cents | % |
| Alliston | GS32 | D1 | 244.21 | 2,089 | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 6 | 2 | 0.75 | 10 |
| Bala | GB13 | D1 | 108.46 | 686 | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 5 | 2 | 0.75 | 10 |
| Barrie | G24 | D1 | 176.67 | 1,258 | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 5 | 2 | 0.75 | 10 |
| Baysville | GM10 | D1 | 75.69 | 429 | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 6 | 2 | 0.75 | 10 |
| Beaumaris | GM7 | D1 | 98.36 | 676 | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 5 | 2 | 0.75 | 10 |
| Beaverton | GW2 | D1 | 61.96 | 610 | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 5 | 2 | 0.75 | 10 |
| Bruce | GE19 | D1 | 262.37 | 1,176 | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 5 | 2 | 0.75 | 10 |
| Cannington | GW3 | D1 | 85.17 | 356 | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 6 | 2 | 0.75 | 10 |
| Creemore | G17 | D2 | 154.16 | 644 | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 5 | 2 | 0 75 | 10 |
| Gravenhurst | G34 | D1 | 17.99 | 106 | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 5 | 2 | 0.75 | 10 |
| Hawkestone | GS9 | D1 | 90.51 | 523 | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 3 | 1.5 | 0.75 | 10 |
| Holstein | GE7 | D1 | 46.63 | 131 | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 6 | 2 | 0.75 | 10 |
| Huntsville | GM2 | D1 | 129.28 | 705 | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 5 | 2 | 0.75 | 10 |
| Midland | GS1 | D1 | 207.12 | 1,451 | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 5 | 2 | 0.75 | 10 |
| Owen Sound | GE2 | D1 | 55.93 | 280 | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 5 | 2 | 0.75 | 10 |
| Shelburne | GE10 | D1 | 315.28 | 1,013 | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 6 | 2 | 0.75 | 10 |
| Sparrow Lake | GW1 | D1 | 80.76 | 720 | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 4 | 2 | 0.75 | 10 |
| Tara | GE15 | D1 | 329.98 | 1,573 | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 | 1.56 | 2.50 | 2.78 | 2.78 | 3 33 | 3.33 | 6 | 2 | 0.75 | 10 |
| Utterson | GM8 | D1 | 65.25 | 375 | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 6 | 2 | 0.75 | 10 |
| Uxbridge | GW11 | D1 | 224.21 | 1,408 | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 6 | 2 | 0.75 | 10 |
| Wasaga Beach | G17 | D1 | 27.25 | 1,454 | †1.00 | 1.75 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 4.5 | 1.5 | ........ | 10 |
| Wroxeter | GE22 | D1 | 206.19 | 976 | 1.11 | 1.11 | 1.11 | 1.11 | 1.11 | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 6 | 2 | 0.75 | 10 |
| Total, Georgian Bay System | | | 3,063.43 | 18,639 | | | | | | | | | | | | | | | |

*See footnote on page 45. †Summer cottage rates. ‡See heading to first page of table.

## RURAL POWER DISTRICTS—MILES OF LINE, NUMBER OF CONSUMERS AND RATES—OCTOBER 31, 1942—Continued

| Rural power district | Rural Rates | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Class | | | | 1B | 1C | 2A | 2B | 3* | 4 | 5 | 6A | 6B | 7A | 7B | Gross consumption charges | | | Prompt payment discount |
| | Property number | | Miles of line | No. of consumers | Gross monthly service charge to regular consumers | | | | | | | | | | | First energy rate‡ | Second energy rate‡ | Rate for all additional | |
| **EASTERN ONTARIO SYSTEM** | | | | | | | | | | | | | | | | | | | |
| | | | | | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | cents | cents | cents | % |
| Arnprior | QM10 | D1 | 73.03 | 722 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 5 | 2 | 0.75 | 10 |
| Belleville | QC38 | D1 | 158.42 | 1,204 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 3.5 | 1.5 | 0.75 | 10 |
| Bowmanville | QC23 | D1 | 137.75 | 632 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 5 | 2 | 0.75 | 10 |
| Brighton | QC6 | D1 | 45.00 | 193 | 1.11 | 1 11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 6 | 2 | 0 75 | 10 |
| Brockville | QL3 | D1 | 271.09 | 1,779 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 6 | 2 | 0.75 | 10 |
| Carleton Place | QH5 | D1 | 52.72 | 184 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 6 | 2 | 0.75 | 10 |
| Cobourg | QC13 | D1 | 308.28 | 1,544 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 5 | 2 | 0.75 | 10 |
| Fenelon Falls | QC30 | D1 | 151.26 | 1,075 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 6 | 2 | 0.75 | 10 |
| Frankford | QC5 | D1 | 254 94 | 1,192 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 5 | 2 | 0.75 | 10 |
| Kingston | QC44 | D1 | 318.31 | 1,927 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 5 | 2 | 0.75 | 10 |
| Lakefield | QC18 | D1 | 113.93 | 510 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 6 | 2 | 0.75 | 10 |
| Madoc | QC33 | D1 | 62.71 | 206 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 5 | 2 | 0.75 | 10 |
| Marmora | QC47 | D1 | 10.44 | 54 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 6 | 2 | 0.75 | 10 |
| Martintown | QL13 | D1 | 424.73 | 2,042 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 6 | 2 | 0.75 | 10 |
| Millbrook | QC25 | D1 | 54.59 | 256 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 6 | 2 | 0.75 | 10 |
| Minden | Q37 | D1 | 80.05 | 469 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 5 | 2 | 0.75 | 10 |
| Napanee | QC43 | D1 | 291.01 | 1,338 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 5 | 2 | 0.75 | 10 |
| Nepean | QT1 | D1 | 283.94 | 1,890 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 3 | 1.5 | 0.75 | 10 |
| Norwood | QC31 | D1 | 56.83 | 278 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 6 | 2 | 0.75 | 10 |
| Omemee | QC26 | D1 | 33.93 | 92 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 5 | 2 | 0.75 | 10 |
| Oshawa | QC24 | D1 | 223.06 | 3,001 | 1.00 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 3 | 1.75 | 0.75 | 10 |
| | | | | | †1.00 | 1.56 | 1.11 | 1.56 | **1.56** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | | | | |
| Peterborough | QC20 | D1 | 143.32 | 1,749 | 0.63 | 1.11 | 0.79 | 1.11 | **1.11** | 1.56 | 2.01 | 2.57 | 2.78 | 3.33 | 3.33 | 4 | 2 | 0.75 | 10 |
| | | | | | †0.63 | 1.16 | 0.79 | 1.21 | **1.56** | 1.56 | 2.01 | 2.57 | 2.78 | 3.33 | 3.33 | | | | |
| Renfrew | QM16 | D1 | 82.87 | 506 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 6 | 2 | 0.75 | 10 |

† Summer cottage rates.

‡ See heading to first page of table.

## RURAL POWER DISTRICTS—MILES OF LINE, NUMBER OF CONSUMERS AND RATES—OCTOBER 31, 1942 —Continued

| Rural power district | Property number | Class | Miles of line | No. of consumers | 1B | 1C | 2A | 2B | 3* | 4 | 5 | 6A | 6B | 7A | 7B | Gross consumption charges: First energy rate‡ | Gross consumption charges: Second energy rate‡ | Gross consumption charges: Rate for all additional | Prompt payment discount |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Gross monthly service charge to regular consumers | | | | | | | | | | | | | | |
| **EASTERN ONTARIO SYSTEM—Continued** | | | | | | | | | | | | | | | | | | | |
| | | | | | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | cents | cents | cents | % |
| Smiths Falls | QH3 | D1 | 218.60 | 1,225 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 6 | 2 | 0.75 | 10 |
| Sulphide | QC34 | D1 | 96.39 | 378 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 6 | 2 | 0.75 | 10 |
| Wellington | QC45 | D1 | 302.53 | 1,460 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 6 | 2 | 0.75 | 10 |
| Winchester | QL4 | D1 | 381.63 | 1,954 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 6 | 2 | 0.75 | 10 |
| Total, Eastern Ontario System | | | 4,631.36 | 27,860. | | | | | | | | | | | | | | | |

*See footnote on page 45. †Summer cottage rates. ‡See heading to first page of table.

### THUNDER BAY SYSTEM

| Rural power district | Property number | Class | Miles of line | No. of consumers | 1B | 1C | 2A | 2B | 3* | 4 | 5 | 6A | 6B | 7A | 7B | First energy rate‡ | Second energy rate‡ | Rate for all additional | Prompt payment discount |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nipigon | P6 | D1 | 5.60 | 14 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 4 | 2 | 0.75 | 10 |
| Thunder Bay | P10 | D1 | 283.38 | 1,383 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 4 | 2 | 0.75 | 10 |
| Total, Thunder Bay system | | | 288.98 | 1,397 | | | | | | | | | | | | | | | |

### NORTHERN ONTARIO PROPERTIES

| Rural power district | Property number | Class | Miles of line | No. of consumers | 1B | 1C | 2A | 2B | 3* | 4 | 5 | 6A | 6B | 7A | 7B | First energy rate‡ | Second energy rate‡ | Rate for all additional | Prompt payment discount |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Connaught | FA22 | D1 | 53.04 | 250 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 6 | 2 | 0.75 | 10 |
| Crystal Falls | FS7 | D1 | ....... | ...... | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 6 | 2 | 0.75 | 10 |
| Kapuskasing | FA14 | D1 | ....... | ...... | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 6 | 2 | 0.75 | 10 |
| Manitoulin | FM1 | D1 | 162.16 | 962 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 6 | 2 | 0.75 | 10 |
| North Bay | FZ4 | D1 | 32.14 | 720 | 0.87 | 1.11 | 1.01 | 1.11 | **1.11** | 1.56 | 2.17 | 2.68 | 2.78 | 3.33 | 3.33 | 6 | 2 | 0.75 | 10 |
| | | | | | †0.87 | 1.38 | 1.01 | 1.38 | **1.44** | 1.56 | 2.17 | 2.68 | 2.78 | 3.33 | 3.33 | | | | |
| Powassan | FZ8 | D1 | 56.04 | 198 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 6 | 2 | 0.75 | 10 |
| Rainy River | FR1 | D1 | ....... | ...... | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 6 | 2 | 0.75 | 10 |
| Sudbury | FS5 | D1 | 28.50 | 1,333 | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 5.5 | 2 | 0.75 | 10 |
| Teck | FA16 | D1 | ....... | ...... | 1.11 | 1.11 | 1.11 | 1.11 | **1.11** | 1.56 | 2.50 | 2.78 | 2.78 | 3.33 | 3.33 | 6 | 2 | 0.75 | 10 |
| Total, Northern Ontario Properties | | | 331.88 | 3,463. | | | | | | | | | | | | | | | |

*See footnote on page 45. †Summer cottage rates. ‡See heading to first page of table.

**Total, all systems: Miles of line, 20,072.35. Number of consumers, 135,106.** These totals include 6.49 miles of primary line under construction on October 31, 1942, and service to 947 new consumers which was not completed at the end of the fiscal year.

# SECTION V

## PROMOTIONAL AND WAR SERVICES

INCREASED production of war equipment, restricted supplies of power for non-essential uses, and growing scarcity of materials again made it impossible to promote uses of electricity other than the most essential. Promotional services have given place to war services of an essential and helpful nature.

Attention was therefore concentrated, during 1942, upon assisting industry in the efficient use of electrical power and energy and in its conservation. Participation in the "Bits and Pieces" programme of the Dominion Government was continued with excellent results, and continuous attention was given to the important problem of priorities in the procurement of the Commission's essential equipment and material.

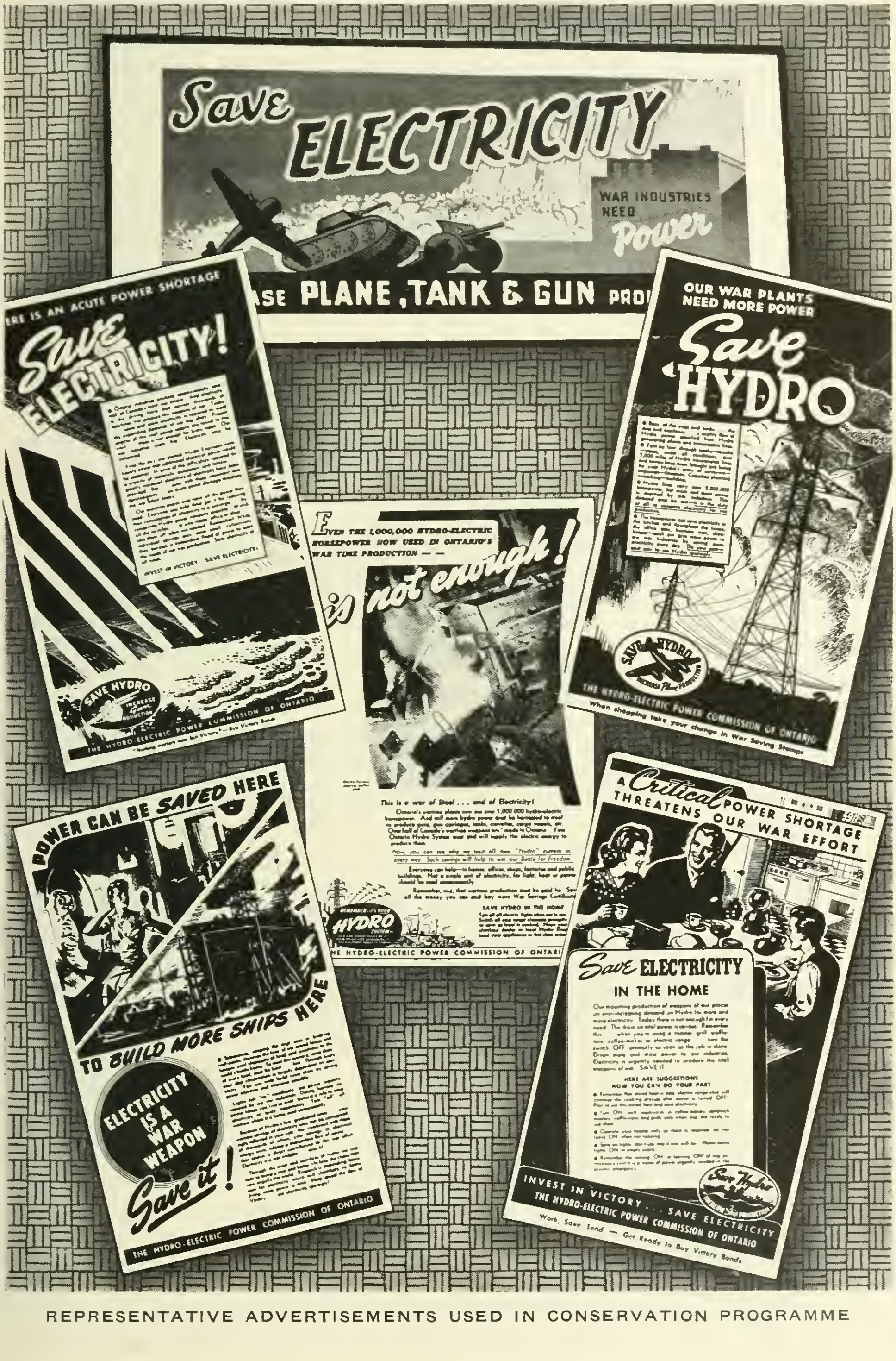
### Industrial Work

The technical service rendered to Ontario industry was enlarged and more than 170 industrial plants were benefitted. Fifty-one plant surveys were made and the recommendations given not only resulted in a more efficient use of electrical power, but secured a greater output from existing equipment.

Under the "Bits and Pieces" programme the Commission's maintenance shops, as sub-contractors to Government prime contractors, produced a substantial quantity of various items of war equipment. During the year, a total of 24,500 pieces were fabricated and machined.

### Domestic and Rural Activities

As forecast, the increased requirements of war industries more than caught up with the available supplies of power. To avoid a shortage the Dominion Power Controller imposed certain restrictions and an appeal was made to the public for conservation, especially in the homes. The Commission's staff, in co-operation with the municipal Hydro utilities, developed and produced a conservation campaign which carried the appeal for power conservation to all domestic and commercial consumers. This appeal was well received, and resulted in a sufficient saving to enable the conditions in the fall and winter seasons to be met without serious difficulty.


Save ELECTRICITY
WAR INDUSTRIES NEED Power
...SE PLANE, TANK & GUN PRO...
...ERE IS AN ACUTE POWER SHORTAGE
Save ELECTRICITY!
INVEST IN VICTORY SAVE ELECTRICITY
SAVE HYDRO INCREASE Gun PRODUCTION
THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO
OUR WAR PLANTS NEED MORE POWER
Save HYDRO
SAVE HYDRO INCREASE Plane PRODUCTION
THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO
When shopping take your change in War Saving Stamps
EVEN THE 1,000,000 HYDRO-ELECTRIC HORSEPOWER NOW USED IN ONTARIO'S WAR TIME PRODUCTION — —
...is not enough!
This is a war of Steel . . . and of Electricity!
SAVE HYDRO IN THE HOME
HYDRO
...HE HYDRO-ELECTRIC POWER COMMISSION OF ONTARI...
POWER CAN BE SAVED HERE
TO BUILD MORE SHIPS HERE
ELECTRICITY IS A WAR WEAPON
Save it!
THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO
A Critical POWER SHORTAGE THREATENS OUR WAR EFFORT
Save ELECTRICITY IN THE HOME
HERE ARE SUGGESTIONS HOW YOU CAN DO YOUR PART
Save Hydro
INVEST IN VICTORY . . . SAVE ELECTRICITY
THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO
Work, Save, Lend — Get Ready to Buy Victory Bonds

REPRESENTATIVE ADVERTISEMENTS USED IN CONSERVATION PROGRAMME

During the year, with local utility co-operation, a survey of domestic electrical appliances in use was carried out in almost all urban municipalities. This survey provided a satisfactory inventory of the equipment in use by domestic consumers, and has been of material service to governmental departments as a guide to the requirements for spare parts and material necessary to maintain such appliances in operation.

### Lighting

Advisory service respecting efficient lighting under wartime restrictions was made available to industrial and commercial users and was very helpful to war industries. It led to increased production, improved quality, and lessened spoilage.

### Advertising

The Commission's advertising during 1942 was largely devoted to guiding power conservation along effective lines. The programme utilized the press, radio, spot announcements, well placed poster advertising and motion pictures. In addition, printed matter and advertising were prepared and supplied to municipal Hydro officials who ably co-operated.

One of the outstanding features of this conservation campaign was a sound motion picture in color, entitled, "Wardens of Power". This picture developed the reasons for domestic power conservation, and illustrated methods by which such savings could be effected. It was shown extensively throughout the Province and was presented in approximately 200 theatres.

### Sales of Lamps and Equipment

Due to the scarcity of materials the sale of appliances and water heating equipment, except for replacement and repair, was much lower. The sale of Hydro lamps decreased slightly on account of restrictions in commercial and street lighting.

### Priorities

The Sales Promotion staff, to whom has been delegated work resulting from priorities regulations, continued to effect clearances in material and equipment and was successful in securing the necessary supplies for maintenance, repairs and operation. Assistance was also given to local Hydro utilities in their priority problems.

# SECTION VI

## HYDRAULIC ENGINEERING AND CONSTRUCTION

THE growth and increasing demands of war industries for electrical power were reflected, during 1942, in the continued expansion of the Commission's power and water storage developments.

Two major projects were completed and brought into operation, and work on three other large projects was carried on with increased activity. In the Eastern Ontario system, the Commission's power resources were augmented by the completion of the Barrett Chute development which first carried commercial load in August. The Bark Lake storage dam which regulates the supply of water to the Barrett Chute development went into operation on March 31, 1942.

Work on the extension of the DeCew Falls generating station has proceeded actively and it is expected that this plant will be completed by the summer of 1943. On the Niagara river, the construction of the remedial weir above the Falls was commenced in March. By means of this weir, the water level at the intake of the Queenston-Chippawa power canal will be raised and conditions for the generation of electrical power improved. In north-western Ontario, the construction of the Ogoki diversion project progressed rapidly, and was well advanced by the end of the year. Numerous other projects of lesser magnitude were carried out during the year in different sections of the Province for regulating and augmenting water storage, and rehabilitating existing structures and equipment.

## NIAGARA SYSTEM

### DeCew Falls Development

The decision to proceed with the DeCew Falls development was reached early in 1941, following an agreement between the Governments of Canada and the United States for the immediate use for power at Niagara Falls by the Province of Ontario of additional waters equivalent in quantity to the diversion from the James Bay basin into the Great Lakes system. The electrical demands of war industries made it evident that the construction of new sources of power was imperative. The location of a new power plant at DeCew Falls was feasible, both from the viewpoint of economy, and from the fact that many war industries were in close proximity.

Situated on the outskirts of the city of St. Catharines, with the intake at Allanburg on the Welland ship canal and the outlet at Port Dalhousie on lake Ontario, the development traverses a district which is highly industrialized. Consequently, an unusually large number of problems were encountered involving public utilities and private establishments, and much attention has necessarily been paid to that phase of the work. The protection of private property, the reconstruction and new construction of bridges and roadways, and the relocation of all types of underground and overhead services are involved in this power project.

Three private contractors, as well as the Commission's construction forces, are actively engaged in various features of the work. The construction of intake channels and structure constitute one contract and work on this phase of the project has proceeded rapidly. The new intake structure will be located about one mile north of the old intake and approximately one-quarter of a mile from the Welland ship canal, being connected thereto by an intake channel. The reinforced concrete intake control structure will contain six butterfly valves each of 7-foot diameter, by means of which the flow of water will be regulated and measured. It is anticipated that this contract will be completed by June 30, 1943.

From the intake structure the water flows into and through a series of reservoirs at present serving the original DeCew Falls plant, the main one being known as lake Gibson. Dykes and earth embankments along these reservoirs are being raised and strengthened to accommodate higher water levels. Two canals totalling some 4,500 feet in length, conveying the water from the reservoirs to the headworks at the edge of the escarpment, were nearing completion by the end of the year.

Concrete work on the substructure of the headworks was commenced during the late summer, and on the power house about the end of the fiscal year, provision being made in these structures for the future installation of further units. Rubble-stone facing on the downstream side of the power house is a pleasing feature, designed to blend it architecturally with the rugged nature of the escarpment.

The present work is proceeding for the installation of one 65,000-horsepower, 25-cycle unit, which will operate under an initial head of 265 feet. The existing DeCew Falls plant generates about 50,000 horsepower at a frequency of 66-2/3 cycles. The new plant is about 600 feet east of the old one.

To ensure that there should be no delay in delivery of the turbine, and in order to place existing equipment where load demands are most severe, it was decided to utilize one of Abitibi Canyon units. Accordingly one of the units was dismantled in the spring, and certain parts of the turbine were transported to the site of the work. The remaining turbine parts and the generator and associated electrical equipment will be delivered as soon as the new plant is in readiness to receive them.

A 16.5-foot diameter steel penstock some 465 feet long will convey water to the unit and an elbow type draft tube will discharge to the tailrace. Shop work on the fabrication of the penstock was nearly completed and erection was commenced by the end of the calendar year.

DECEW FALLS—NEW DEVELOPMENT
Excavation for 25-cycle generating station—June 1942

The excavation of the tailrace channel is completed with the exception of an earth barrier between it and Twelve Mile creek. Improvements in Twelve Mile creek and the construction of a number of rock-filled weirs are being carried out under a separate contract and work has proceeded on these items since early spring. Channels are trapezoidal in shape and vary in width from 50 to 130 feet. They are designed for maximum flows varying from 5,700 cubic feet of water per second immediately below the plant to 9,400 cubic feet of water per second at Port Dalhousie. This is essentially a dredging contract, but land-based equipment was being employed to supplement the dredge toward the end of the year. This phase of the work is scheduled for completion by the early summer of 1943.

Twelve Mile creek enters the channel of the second Welland canal just below lock No. 3, within the limits of the city of St. Catharines. From this junction to Port Dalhousie harbour, the water will follow the canal, in which enlargement of the channel is necessary at certain points, rip rap protection being provided where necessary. At lock No. 2, the canal passes the plant of the Welland Vale Manufacturing Company. Here extensive channel improvements are being carried out by the Commission's construction staff, involving the removal of the old lock and the construction of a weir designed to maintain proper water levels in the channels upstream therefrom.

A third contract covers the construction of a control structure and related works at Port Dalhousie. Work was commenced in September and excavation operations were proceeding rapidly at the end of the year. A concrete highway bridge, outlet channel and outlet control structure in which two electrically-operated Taintor gates will be installed, are included in this contract.

It is anticipated that the new power plant will go on commercial load in the summer of 1943.

OGOKI DIVERSION PROJECT
Main Waboose dam and construction camp

**Ogoki River Diversion**

By the end of the fiscal year, the development to divert the upper waters of the Ogoki river from the James Bay watershed to the Great Lakes system was well advanced. All the major hydraulic structures were completed, the main diversion dam at Waboose rapids being placed in service in August. The new Jackfish river viaduct of the Canadian National Railways will have been completed and opened to passenger traffic by November 20. With the completion of the Jackfish river channel improvements, scheduled for early summer, 1943, it will be possible to divert southerly to lake Nipigon and the Great Lakes, almost all of the run-off above Waboose dam amounting to 4,000 cubic feet of water per second.

Waboose dam, the diversion dam on the main stream and by far the largest dam in the project, is of concrete construction with two compacted earth fill side dams, the total length being approximately 1,425 feet. Twelve sluiceways, 21 feet high and 16 feet wide, regulate the level of the impounded water. A second concrete dam, known as the Summit dam, situated at the height of land, between the Albany river and Great Lakes drainage basins, was completed in 1941, and other dams of compacted earth embankment design were completed at Chappais lake and Snake creek during 1942. With the exception of a canal at the Canadian National Railways crossing of the Jackfish river, channel excavation and improvements were also completed during the year.

Active work on the foundations of the Jackfish river viaduct was commenced in November, 1941, and concrete piers and abutments were ready for the erection of the steel superstructure by September, 1942. The bridge is of plate girder design, with steel towers varying in height from 30 feet to 72 feet. As a conservation measure it was built of steel salvaged from other bridges dismantled in recent years. The total length is approximately 800 feet and the spans vary in length from 59 feet to 99 feet.

Dismantling of the old bridge will be completed by the end of the calendar year, and it will then be possible to carry on channel improvements without restrictions.

OGOKI DIVERSION PROJECT
New bridge over Little Jackfish river, completed October 1942

**Niagara River Remedial Weir**

By an exchange of notes between the Governments of Canada and the United States in October, 1941, additional diversions of water from the Niagara river were agreed upon to the extent of 6,000 cubic feet per second in Canada and 7,500 cubic feet per second in the United States. In view of these additional diversions, it was considered necessary to proceed with the construction of remedial works in 1942.

Essentially, the works consist of a submerged weir in the Chippawa-Grass Island pool designed to raise the water level in the pool to approximately the level existing before the additional diversions were made. The weir is intended primarily to improve conditions for the generation of power on both sides of the Niagara river. It also forms part of a comprehensive scheme to improve scenic conditions.

In co-operation with United States Government engineers, construction was actively commenced in March, 1942. The work consists mainly of placing in the river, stone of different sizes, varying from core stone of approximately one-quarter ton to facing stone of from three to eight tons. Rock is being placed in the weir by means of a cableway supported by steel towers 2,600 feet apart, one being on the Canadian shore of the river, and the other on an artificial island connected to Goat island by a causeway some 2,200 feet in length. The work, it is expected, will be completed early in 1943, and the total tonnage of rock placed will be approximately 27,000 tons.

**Ottawa River Sites**

Negotiations in respect to undeveloped Ottawa river power sites have proceeded actively throughout the year, and detailed studies, and field and foundation investigations of the Des Joachims power site have been in progress since early spring.

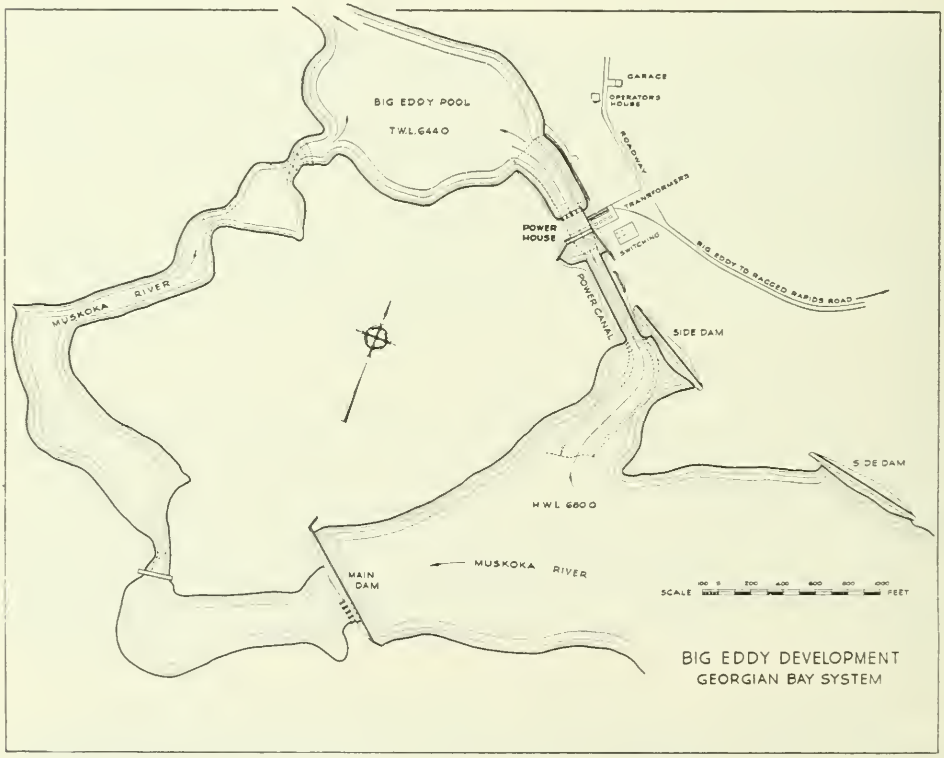
## GEORGIAN BAY SYSTEM

**Eugenia Falls**

A major programme of rehabilitating the number two pipe line at the Eugenia Falls development was commenced during the fall. The work consisted mainly of the dismantling of the old pipe line; the ballasting and grading of the foundations; the erection of approximately 2,800 feet of new wood-stave pipe line, 3 feet 10 inches in diameter; and the pouring of 540 feet of concrete pipe. Dismantling was commenced on September 23, and the new pipe line was scheduled to be in service on December 8.

### Trethewey Falls

The reconstruction of the draft tube at the Trethewey Falls plant was another rehabilitation job of major proportions carried out in the Georgian Bay system. In the early summer, it was found necessary to replace the old bell-shaped steel draft tube, and dismantling was commenced in July. The most feasible type of replacement was considered to be a concrete draft tube of the elbow type incorporating a new steel throat liner. The Commission's construction forces executed the work, and the plant was expected to be again in service on November 21, 1942.


BIG EDDY POOL
T.W.L. 644.0
GARAGE
OPERATORS HOUSE
ROADWAY
TRANSFORMERS
POWER HOUSE
SWITCHING
BIG EDDY TO RAGGED RAPIDS ROAD
POWER CANAL
SIDE DAM
SIDE DAM
MUSKOKA RIVER
H.W.L. 680.0
MAIN DAM
MUSKOKA RIVER
SCALE
100 0 200 400 600 800 1000
FEET

BIG EDDY DEVELOPMENT
GEORGIAN BAY SYSTEM

### Big Eddy Development

This development, containing two units with a total capacity of 10,000 horsepower, was placed in operation in November, 1941. During the past year, automatic control equipment was installed to allow remote control operations from Ragged Rapids. A full description of the development appeared in a previous report.

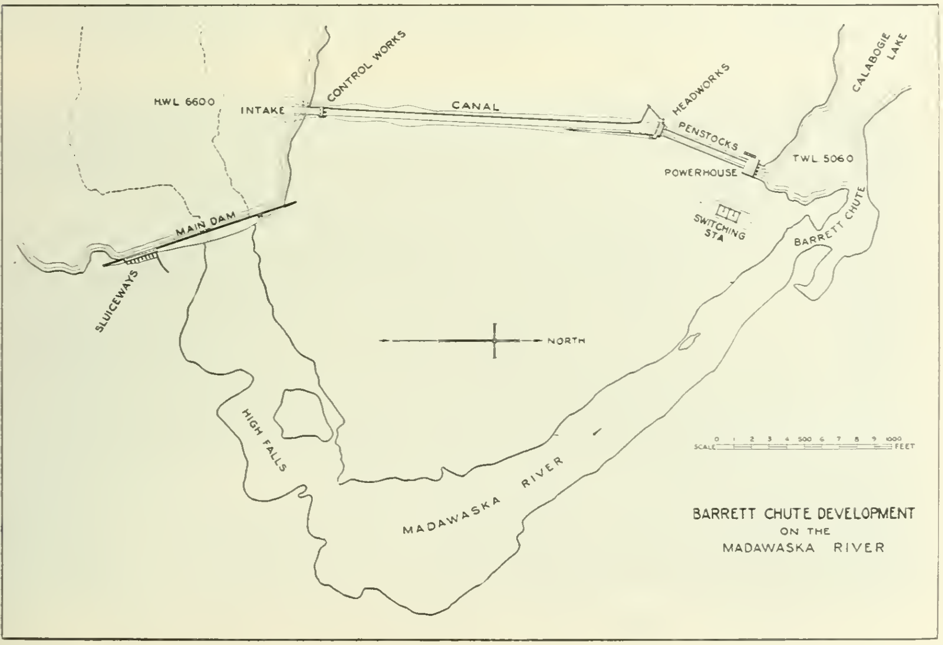
## EASTERN ONTARIO SYSTEM

### Barrett Chute Development

The first of a series of carefully correlated power developments which it is proposed to construct on the Madawaska river, was completed in 1942, and began to carry commercial load early in August. This development, bearing the name of one of the early settlers in the locality, is known as the Barrett Chute development, and is situated at the head of Calabogie lake, some thirty miles above the confluence of the Madawaska river with the Ottawa river. The development operates under a gross head of 154 feet and has a rated capacity of 54,000 electrical horsepower.

At the site of the development, the river follows a wide semi-circular course, dropping through a series of falls and rapids, among them High Falls and Barrett Chute, before entering Calabogie lake, and these natural features lend themselves to a conventional scheme of development. The main dam is located at the head of the rapids, and about 550 feet up the left bank of the river, the power canal cuts diametrally across to the headworks from which two steel penstocks lead to the power house situated on the shore of the lake close to the mouth of the river. A rocky point effectively protects the power house and tailrace from the discharge of the river during flood periods. A general plan of the development is shown below.

The main dam is of the gravity type, has a length of 1,100 feet, a maximum height of 97 feet and a total content of 62,000 cubic yards of concrete. Toward one end, adjacent to the right hand bank of the river, eight sluiceways, 16 feet wide, provide means of discharging surplus flood waters down


HWL 6600
INTAKE
CONTROL WORKS
CANAL
HEADWORKS
PENSTOCKS
CALABOGIE LAKE
TWL 5060
POWERHOUSE
SWITCHING STA
BARRETT CHUTE
MAIN DAM
SLUICEWAYS
NORTH
HIGH FALLS
MADAWASKA RIVER
SCALE 0 1 2 3 4 500 6 7 8 9 1000 FEET
BARRETT CHUTE DEVELOPMENT
ON THE
MADAWASKA RIVER

BARRETT CHUTE DEVELOPMENT—MADAWASKA RIVER
Power canal before admission of water

the natural course of the river. Two of the sluices have sills 30 feet, and the remainder 20 feet, below headwater level. They are equipped with stoplogs and a power driven winch and provision is made for the future installation of an electrically operated steel gate in one of the shallower sluices.

A 4-foot by 8-foot arched tunnel, running through the dam near its base, serves the dual purpose of access for inspection, and of intercepting and conveying seepage water to points of outlet. To reduce foundation seepage to a minimum, a comprehensive scheme of pressure grouting was carried out in order to seal any faults or fine cracks in the rock under the dam and immediately upstream from it.

During construction of the dam, the river flow passed through two unwatering sluices near the base, each sluice being 20 feet square. On completion of the remainder of the development, these were closed by steel gates and filled with concrete. The steel gates were then raised and transferred to the control structure in the power canal. After closure, the water level at the dam was raised approximately 70 feet above its natural level, flooding the valley upstream for a distance of 8 miles to the foot of Mountain Chute and creating a storage pond having an area of 3,700 acres and a permissible drawdown of 8 feet.

The power canal leading from this pond has a length of 2,150 feet and follows a straight course from entrance to the headworks. It is 38 feet wide, rectangular in shape and involved 213,000 cubic yards of excavation, 80 per cent of which was rock. The maximum depth of cut was 78 feet. The velocity of flow at full plant capacity is about 4.35 feet per second. A control structure is built near the upstream end to enable its dewatering when necessary. Toward the downstream end the side walls diverge slightly to form the forebay in front of the headworks.

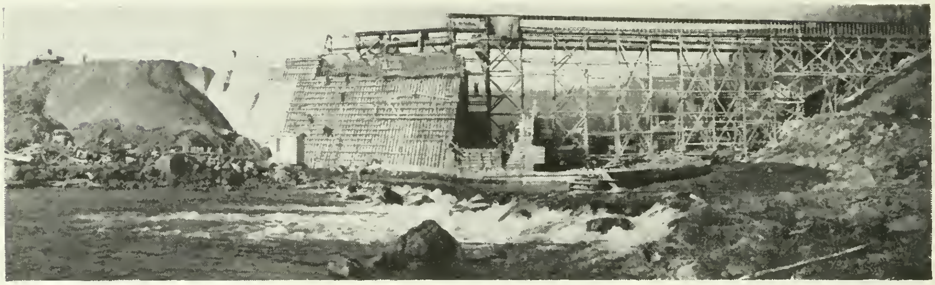
The headworks structure is of reinforced concrete, 80 feet wide, 50 feet long and 40 feet in height. Here four electrically operated steel head gates

BARRETT CHUTE DEVELOPMENT—MADAWASKA RIVER
Control sluices at entrance to power canal

control the flow into the penstocks. The penstocks are of steel, 14 feet in diameter and 549 feet long. They follow a uniform grade and are completely encased in concrete.

The power house, built close to the shore of the lake, is 69 feet wide and 106 feet long, has a brick superstructure and houses two generating units, the turbines of Allis-Chambers' design, having a rated capacity of 28,000 horsepower each under a head of 150 feet and a speed of 163.6 revolutions per minute. They are installed in rivetted steel spiral casings encased in the substructure concrete and equipped with Woodward governors and

BARRETT CHUTE DEVELOPMENT—MADAWASKA RIVER
General view of power house, penstocks and Calabogie lake



BARK LAKE DAM—MADAWASKA RIVER
Concrete section under construction November 1941, from downstream. South bulkhead wall on left, sluiceway section on right

water lubricated lignum vitae guide bearings. The generators, built by the Canadian General Electric Company, are rated at 24,000 kv-a at 13,200 volts. From the turbines, water is discharged through elbow type draft tubes to a short tailrace and thence into Calabogie lake.

Construction commenced in September, 1940, the initial work consisting of the building of a road 2½ miles long connecting the site with the Provincial highway. The main dam was completed, except for closure of the unwatering sluices, in the fall of 1941 and the plant came into service in August, 1942, the first unit carrying commercial load on the sixth, and the second on the twenty-fifth of the month.

### Bark Lake Dam

The scheme of power development on the Madawaska river includes a number of water storage developments, and one of these, the Bark Lake storage dam, was completed during the spring of 1942. The new dam is situated about one mile downstream from the foot of Bark lake, about 65 miles upstream from Barrett Chute, and replaces an old rock-filled crib structure.

This work was carried out by contract and consists mainly of an earth fill dam with a concrete control section comprising five sluiceways of the conventional type and, at a lower level, four conduits, 66 inches in diameter, controlled by butterfly valves. The five main sluices are 16 feet wide, have sills 20 feet below headwater level and are equipped with stop-logs and a power driven winch. (See frontispiece).

The new dam will raise the level of Bark lake 25 feet over its old maximum level, and will create a reservoir having storage range of over 30 feet and a capacity of approximately 300,000 acre-feet. The flooding of land, caused thereby, made necessary the relocation of 15 miles of provincial highway, including the construction of a new bridge, and the moving to higher ground of several important buildings in the village of Madawaska. It was also necessary to reconstruct a railway bridge and to remove all railway facilities, including a round house formerly located in the village.

BARK LAKE DAM—MADAWASKA RIVER
Upstream face with water five feet below maximum level

## NORTHERN ONTARIO PROPERTIES

### Dasserat Lake Diversion

Some years ago the natural flow of Dasserat lake was diverted by lumbering interests from the Abitibi river system into the Ottawa river system. It has been considered for some time that this was not a satisfactory condition, and steps were taken for the restoration of the natural condition.

Dasserat lake is in the province of Quebec, and negotiations for approval of the work were conducted between the provinces of Quebec and Ontario. The work was carried out under a tripartite agreement between the Trustee, Receiver and Liquidator of the Abitibi Power and Paper Company, the Nipissing Central Railway and The Hydro-Electric Power Commission.

Four compacted earth fill dams having a total length of 2,300 feet, together with channel improvements, comprise this project which was carried out by contract. Work was commenced in May, 1942, and the diversion was completed by November.

### Sudbury and Nipissing Districts

Additional water storage for the benefit of Crystal Falls generating station was provided on the Sturgeon river by the completion of Tomiko lake and Wicksteed lake dams during the winter of 1941-1942. Both dams are of the rock-filled timber crib type, and, in addition, Tomiko dam contains a concrete sluiceway section. Wicksteed dam went into operation in November, 1941, and Tomiko dam in March, 1942.

## HYDRAULIC INVESTIGATIONS

Studies to increase the output of various plants have been carried out during 1942, and in this connection the installation of new units at the Alexander and Calabogie generating stations were considered. Hydraulic studies of the Niagara plants have also been made with a view to increasing their output. On the Madawaska, further consideration was given to power and storage developments, and the rehabilitation of several small storage dams was carried out. The operations of main storage reservoirs were supervised and the routine collection of hydrometric data continued.

Engineering assistance on hydraulic problems was afforded various public bodies throughout the year.

# SECTION VII

## ELECTRICAL ENGINEERING AND CONSTRUCTION

CONSTRUCTION work during 1942 continued on a large scale, chiefly for the supply of power to munitions factories, air fields and other military installations. More than 50,000-kv-a generator capacity was placed in service in 1942 and a further 50,000-kv-a is being installed for operation in 1943.

The capacity of the new 220,000-volt transformer station at Burlington is being increased 50 per cent and 120,000-kv-a synchronous condenser capacity has been purchased for installation in 1943.

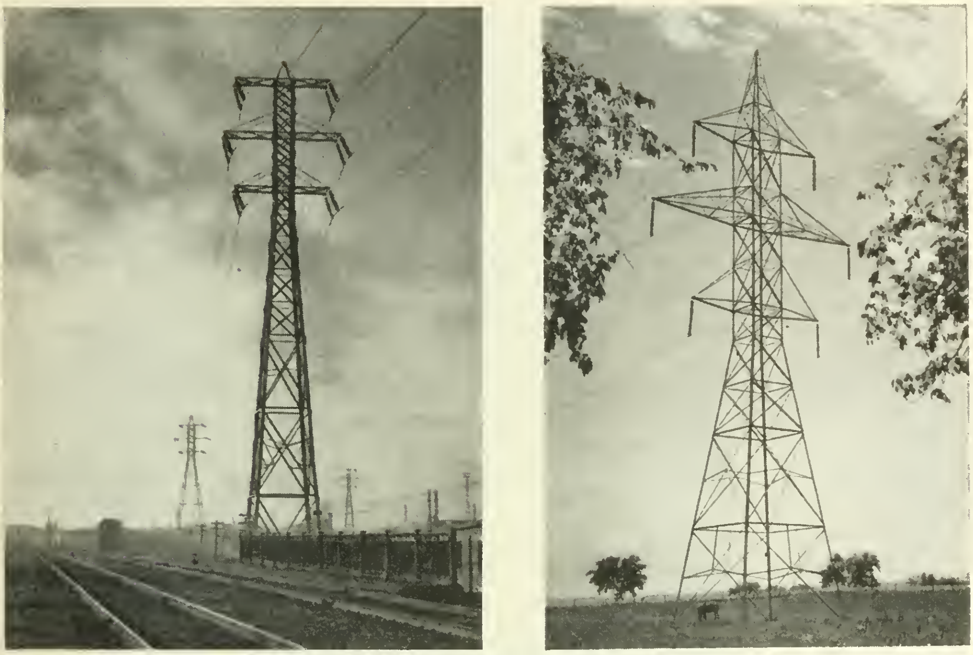
Additional transformer capacity exceeding 100,000-kv-a was installed at transformer stations of the Niagara system and a net capacity of 41,000-kv-a in 45 distributing stations throughout the Province.

A 47,000-kv-a bank of transformers is being installed at Chats Falls generating station to facilitate the transfer of power between the Eastern Ontario and Niagara systems, through the frequency-changer at this station.

The transmission voltage of a large section of the Georgian Bay system was changed from 22,000 to 38,000 volts, materially increasing the capacity of the circuits.

More than sixty-five miles of transmission circuits were erected during the year and forty-three miles of rural feeders were completed to give service to 2,905 additional customers. Although construction work of low-voltage lines to rural customers has been restricted as a wartime measure, a large number of rural line extensions have been made and distributing systems completed for the supply of power to military installations and houses built by the Wartime Housing Board.

Authority was granted for rural line extensions to supply power to twenty-one special installations, fourteen of which were military establishments. Authority was also granted for the installation of distributing systems at nine military establishments and extensions at thirty others. The work is well under way and in many cases completed. Similar work is under way for the installation of rural lines and distributing systems to supply power to 1,567 houses constructed by the Wartime Housing Board at Pickering, Malton, Welland, Sudbury, Hamilton and Ottawa.



HIGH VOLTAGE TRANSMISSION LINES

Left — Double-circuit, 110,000-volt steel-tower line, Leaside transformer station to Strachan transformer station

Right—Double-circuit, 220,000-volt steel-tower line, Leaside Junction to Burlington transformer station

Tabulations of transformer installations, and high-voltage and rural transmission circuit extensions for 1942 are given on following pages.

Coupling capacitors have been installed at 220,000 and certain 110,000-volt stations for the operation of relays and indicating meters. A number of the capacitors are equipped to enable communication by carrier current between the stations.

The new network calculator purchased last year was installed in a special room in the Commission's head office building and is used to facilitate system studies for the transmission and distribution of power. The scarcity of construction materials and labour has necessitated elaborate studies as to the best ways to meet new load requirements arising out of the present war conditions. The network calculator renders valuable service in these studies.

## NIAGARA SYSTEM

At DeCew Falls, near St. Catharines, a power station is being constructed to generate approximately 65,000 horsepower at 25 cycles, using water from the Welland canal. The new station will be below the Niagara escarpment near the existing DeCew Falls generating station and has been designed to accommodate ultimately three units of similar capacity. In order to conserve materials a 48,500-kv-a, 13,800-volt, 150-r.p.m. generator is being transferred from Abitibi Canyon power house. It will be necessary to dismantle the unit and re-assemble it at the new site. A bank of three 22,500-kv-a, 70,000-121,000Y/6,600-13,200-volt, water-cooled transformers, originally purchased and used for the supply of power to the steam generators at Ontario Paper Company's plant is being converted for use at DeCew Falls. The station will be in service in the summer of 1943.

At Chats Falls generating station an additional bank of three 15,700-kv-a transformers, duplicate of the existing banks, is being installed to step-up the 25-cycle voltage of the frequency-changer to 220,000 volts and provide a direct tie between the Eastern Ontario and the Niagara systems for the exchange of available 25-cycle and 60-cycle power.

The installed capacity of the new 220,000-volt station at Burlington was 150,000-kv-a in 1941. The third 75,000-kv-a bank of transformers and voltage regulator purchased last year will be ready for service early in 1943. Three 40,000-kv-a, 25-cycle, 13,200-volt horizontal type air-cooled synchronous condensers have been purchased for this station but installation will not be completed until late in 1943 or early in 1944. The condensers will be erected on suitable foundations with individual concrete enclosures, avoiding as far as possible the use of steel for this purpose.

This station is operated from a temporary control room but the permanent control building now nearing completion will be in service in 1943.

Coupling capacitors for obtaining potential for the operation of relays, synchronizing equipment and indicating meters are being employed extensively at Burlington transformer station. Heretofore such equipment had not been used to any great extent on 25-cycle systems. More than thirty of these 25-cycle coupling capacitors are installed on the 110,000-volt lines and busses, besides those installed on the 220,000-volt lines. The latter are equipped with receiver and transmitter equipment for carrier-current communications and relaying between this station, Toronto-Leaside transformer station and Chats Falls generating station. Similar equipment is installed at Beauharnois generating station for communication with Toronto-Leaside transformer station.

The new transformer stations reported under construction last year at Atlas Steel plant in Welland, Toronto-Esplanade, Palmerston and Niagara have been completed and placed in service.

An 8,000-kv-a, 3-phase, forced-air-cooled 110,000/28,400-14,200-volt transformer was temporarily installed and placed in service near McKinnon Industries Limited plant in St. Catharines to augment the supply of power to that customer.

The two banks of self-cooled transformers at Port Colborne transformer station were equipped for forced-air-cooled operation with the installation of the necessary fans. The rated capacity of the station has thus been increased from 30,000-kv-a to 37,500-kv-a.

Nine new distributing stations were installed at various localities on the system and the capacity of thirteen others was increased. Engineering assistance was given to nine municipalities in making major changes to their stations.

No long transmission lines were built for the Niagara system in 1942, but a large number of small changes and additions were made. These are listed on subsequent pages.

WOOD POLE, HIGH-VOLTAGE TRANSMISSION LINE

Single-circuit, 110,000-volt wood-pole line, Louth junction to St. Catharines transformer station

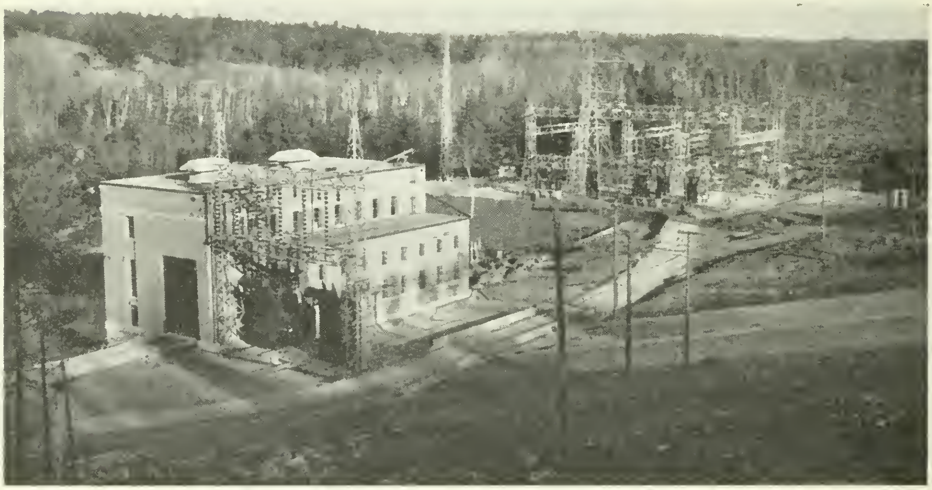
In the Cooksville and York districts the transmission voltage was raised from 13,200 to 26,400 volts on 46.11 miles of circuits.

## GEORGIAN BAY SYSTEM

Low-voltage, metal-clad switching and relaying equipments were installed at Big Eddy development and supervising control apparatus with interconnecting cables were installed at Ragged Rapids and Big Eddy developments for remote automatic control of the latter plant from Ragged Rapids control room.

The transmission circuits from Eugenia to Owen Sound, Hanover to Wiarton and Owen Sound, Hanover to Kincardine and Fergusonvale to Collingwood were all reconnected for 38,000-volt operation. All the stations connected to these circuits have been changed over for 38,000-volt operation and where necessary the transformers and other equipment have been replaced.

A new 3,000-kv-a station was erected at Owen Sound for the supply of power to Wm. Kennedy and Sons Limited and assistance was given this company in the installation of a synchronous condenser and regulator to reduce voltage fluctuations to a minimum in the operation of its electric-arc furnace.



BARRETT CHUTE DEVELOPMENT—MADAWASKA RIVER
Generating station and switch structures from upper road

## EASTERN ONTARIO SYSTEM

The generating station at Barrett Chute development was completed and the two units were placed in service on August 6, and 25, 1942, respectively. This new generating station on the Madawaska river is about seven miles south-west of Calabogie. The generators are rated 24,000-kv-a, 60-cycles, 3-phase, 164 r.p.m., 13,200-volts, vertical shaft with direct-connected main and pilot exciters. The transformers are 24,000-kv-a, 3-phase, 115,000/13,200-volt, 60-cycle water-cooled units. Power is transmitted away from this station at 115,000 volts over two single-circuit, wood-pole lines, one to Trenton 100 miles away, where it ties into the Eastern Ontario 44,000-volt system through transformer banks at Sidney transformer station, and the other to Chats Falls generating station and Ottawa transformer station. Apart from a loop-in section at Barrett Chute plant these lines form parts of a line from Chats Falls to Trenton constructed in 1937.

Automatic, frequency and load-control equipment was installed at Barrett Chute generating station and Chats Falls frequency-changer station for maintaining a constant frequency throughout the whole system and a desired load-balance with the interconnected generating plants of the Gatineau Power Company, the Chats Falls generating station and those on the Trent waterways system.

Transformer installations or changes were completed at twelve distributing stations on the system.

At the Bryson generating station of the Gatineau Power Company, 110,000-volt switching and metering equipments were installed for the supply of 60-cycle power, under contract to the Commission, direct to Dominion Magnesium plant near Renfrew. A 110,000-volt wood-pole line was built from the generating station to the plant, a distance of eight miles.

## NORTHERN ONTARIO PROPERTIES

The installation of the 18,000-kv-a auto-transformer at Hunta switching-station was completed and the Northern Ontario Properties transmission system can now be interconnected with the Abitibi Pulp and Paper Company's system and both operated at normal voltages.

A few transmission line changes and additions were made. These are listed on following pages.

### TRANSFORMER CHANGES COMPLETED DURING YEAR ENDED OCT. 31, 1942 and Some of Special Importance for Completion in 1943

| Installed transformers | | | | | | | Removed transformers | | |
|---|---|---|---|---|---|---|---|---|---|
| Stations | No | Kv-a. | Ph. | Total kv-a. | From | In service | No. | Kv-a | To |
| **Niagara System** | | | | | | | | | |
| N29 Atlas Steel | 1 | 25,000 | 3 | 25,000 | Reserve | Mar. 28,'42 | ........ | | ........ |
| NA39 Burlington T.S. | 3 | 25,000 | 1 | 75,000 | New | 1943 | ........ | | ........ |
| N24 Hamilton Gage T.S. | 1 | 25,000 | 3 | 25,000 | Reserve | 1943 | ........ | | ........ |
| N28 Palmerston T.S. | 1 | 8,000 | 3 | 8,000 | Reserve | Dec. 7, '41 | ........ | | ........ |
| N36 Toronto Esplanade T.S. | 2 | 25,000 | 3 | 50,000 | Reserve | April 28,'42 | ........ | | ........ |
| NA2 Chats Falls T.S. | 3 | 15,700 | 1 | 47,100 | New | 1943 | ........ | | ........ |
| N43 Port Colborne T.S. | 6 | *1,250 | 1 | 7,500 | ............. | Jan. 31, '42 | ........ | | ........ |
| N40 St. Catharines T.S. | 1 | 8,000 | 3 | 8,000 | Reserve | May 3, '42 | ........ | | ........ |
| N3558 Bayview D.S. | 1 | 1,785 | 3 | 1,875 | New | Feb. 24, '42 | ........ | | ........ |
| N3435 East York D.S. No. 5 | 1 | 1,875 | 3 | 1,875 | New | Dec. 23, '41 | ........ | | ........ |
| N3436 East York D.S. No. 6 | 1 | 1,875 | 3 | 1,875 | New | Nov. 29,'41 | ........ | | ........ |
| N3446 Scarboro D.S. No. 2 | 1 | 600 | 3 | 600 | New | June 5, '42 | ........ | | ........ |
| N3554 Pottageville D.S. | 3 | 150 | 1 | 450 | Reserve | June 21,'42 | 3 | 75 | Reserve |
| N428 D.N.D. (Centralia) Station | 1 | 600 | 3 | 600 | Reserve | Feb. 13, '42 | ........ | | ........ |
| N537 Acton D.S. | 3 | 500 | 1 | 1,500 | Reserve | Feb. 22, '42 | 3<br>3 | 75<br>250 | Reserve<br>Reserve |
| N533 Elora D.S. | 3 | 333 | 1 | 1,000 | Reserve | Sept. 19,'42 | 3 | 150 | Malton D.S. |
| N840 Palmerston D.S. | 3 | 333 | 1 | 1,000 | Reserve | April 9, '42 | 3 | 200 | Reserve |
| N820 D.N.D. (Goderich) Station | 3 | 333 | 1 | 1,000 | Reserve | Oct. 18, '42 | 3 | 200 | Reserve |
| N1034 Beachville D.S. | 3 | 200 | 1 | 600 | Reserve | Sept. 20,'42 | 3 | 150 | Reserve |
| N1259 Mount Pleasant D.S. | 3 | 250 | 1 | 750 | Reserve | May 17,'42 | 3 | 150 | Pottageville |
| N1432 Tilbury D.S. | 3 | 333 | 1 | 1,000 | Reserve | Aug. 9, '42 | 6 | 75 | Reserve |
| N1439 Wallaceburg D.S. | 1 | 1,500 | 3 | 1,500 | Reserve | Sept. 25,'42 | ........ | | ........ |
| N1651 Malton D.S. | 3 | 150 | 1 | 450 | Reserve | Oct. 11, '42 | ........ | | ........ |
| N1820 D.N.D. (Forest) Station | 3 | 200 | 1 | 600 | Reserve | Oct. 4, '42 | 3<br>3 | 75<br>37½ | Reserve<br>Reserve |
| N1821 Polymer Corp. (Sarnia) Station | 3 | 667 | 1 | 2,000 | Reserve | Oct. 25, '42 | ........ | | ........ |
| N99 Niagara Weir Temp. S | 3 | 100 | 1 | 300 | Reserve | July 8, '42 | ........ | | ........ |
| N4453 Lincoln D.S. | 1 | 600 | 3 | 600 | Reserve | May 10, '42 | 1 | 300 | Reserve |
| N4933 Port Robinson D.S. | 1 | 300 | 3 | 300 | Reserve | July 19, '42 | ........ | | ........ |
| N1355 Meadowvale Auto. T.S. | 2 | 5,000 | 3 | 10,000 | Reserve | Nov. 30,'41 | ........ | | ........ |

*Forced air cooling equipment added to original transformer.

## TRANSFORMER CHANGES COMPLETED DURING YEAR ENDED OCT. 31, 1942

## and some of Special Importance for Completion in 1943

| Installed transformers | | | | | | | Removed transformers | | |
|---|---|---|---|---|---|---|---|---|---|
| Station | No | Kv-a. | Ph. | Total kv-a. | From | In service | No. | Kv-a | To |
| ND1 DeCew Falls G.S. | 3 | 22,500 | 1 | 67,500 | Allenburg T.S. | 1943 | (Temporary) | | |
| ND13 Burlington D.S. | 1 | 500 | 1 | | | | | | |
| ND25 Steel Co. of Canada D.S. | 3 | 4,000 | 1 | 12,000 | Hamilton stm. plant | 1943 | | | |
| **Georgian Bay System** | | | | | | | | | |
| G25 Collingwood D.S. | 3 | 667 | 1 | 2,000 | New | Aug. 30,'42 | 3 | 400 | Reserve |
| G36 Hanover (Auto. Transformer) F.C.S. | 1 | 3,000 | 3 | 3,000 | Eugenia G.S. | Mar. 29,'42 | | | |
| E1 Eugenia G.S. | | | | | | | 1 | 3,000 | Hanover |
| GE40 Walkerton G.S. | 1 | 2,000 | 3 | 2,000 | New | June 6, '42 | 1 | 750 | Reserve |
| GE3 Chatsworth D.S. | 1 | 300 | 3 | 300 | New | June 28,'42 | 3 | 50 | Reserve |
| GE17 Elmwood D.S. | 1 | 300 | 3 | 300 | New | Mar. 29,'42 | 1 | 75 | Reserve |
| GE47 Hepworth D.S. | 1 | 100 | 1 | 100 | New | Oct. 1, '42 | | | |
| GE16 Holland Centre D.S. | | | | | | Jan. 30, '42 | 1 | 10 | Salvage |
| GE24 Holyrood D.S. | 3 | 200 | 1 | 600 | Reserve | Dec. 7, '41 | 1 | 300 | Reserve |
| GE15 Kilsyth D.S. | 3 | 100 | 1 | 300 | New | April 30,'42 | 1 | 150 | Reserve |
| GE2 Owen Sound D.S. No. 1 | 3 | 1,000 | 1 | 3,000 | New | June 28,'42 | 3 | 500 | Reserve |
| GE21 Teeswater D.S. | 3 | 100 | 1 | 300 | New | Dec. 7, '41 | 3 | 50 | Reserve |
| GE20 Owen Sound D.S. No. 2 | 3 | 100 | 1 | 300 | New | July 31, '42 | | | |
| GE43 Owen Sound (Kennedy) D.S. | 3 | 667 | 1 | 2,000 | Reserve | Sept. 21,'42 | | | |
| GE23 Berkley D.S. | 1 | 100 | 1 | 100 | New | June 28,'42 | 1 | 50 | Reserve |
| **Eastern Ontario System** | | | | | | | | | |
| Q14 Barrett Chute G.S. | 2 | 24,000 | 3 | 48,000 | New | Aug. 25,'42 | | | |
| QC33 Madoc D.S. | 1 | 300 | 3 | 300 | Reserve | Aug. 9, '42 | | | |
| QC22 Newcastle D.S. | 1 | 300 | 3 | 300 | Reserve | Feb. 26, '42 | | | |
| QC27 Oshawa D.S. No. 3 | 2 | 3,000 | 3 | 6,000 | Reserve | June 30,'42 | 1 | 3,000 | Reserve |
| QC303 D.N.D. (Trenton Air Station) | 3 | 150 | 1 | 450 | New | Nov. 21,'41 | | | |
| QC538 Frankford D.S. | 3 | 100 | 1 | 300 | New | May 3, '42 | 3 | 50 | Reserve |
| QC2904 D.M. & S. (Lindsay Arsenal) Station | 3 | 1,250 | 1 | 3,750 | New | 1943 | | | |
| QL2 Prescott D.S. No. 1 | 1 | 750 | 3 | 750 | New | May 3, '42 | | | |
| QL2702 D.N.D. (Treadwill D.S.) | 3 | 100 | 1 | 300 | New | Aug. 30, '42 | | | |
| QM2901 D.N.D. (Arnprior) Station | 3 | 200 | 1 | 600 | New | May 1, '42 | | | |
| QH52 Rideau T.S. | 1 | 1,500 | 3 | 1,500 | Reserve | Aug. 11, '42 | | | |
| QL602-2 D.I.L. (Cornwall) Temp. Station | 3 | 50 | 1 | 150 | Reserve | July 30, '42 | | | |
| QM3101-1 D.N.D. (Petawawa) Station | 1 | 1,500 | 3 | 1,500 | New | July 31, '42 | | | |
| **Northern Ontario Properties** | | | | | | | | | |
| FA50 Hunta (Auto. Transformer S.S. | 1 | 18,000 | 3 | 18,000 | New | May 31, '32 | | | |

## TOTAL MILEAGE OF TRANSMISSION LINES AND CIRCUITS

| System and voltage | Kind of structures | Line route or structure miles | | | Circuit miles |
|---|---|---|---|---|---|
| | | Total to Oct. 31, 1941 | Additions 1942 | Total to Oct. 31, 1942 | Total to Oct. 31, 1942 |
| **Niagara System** | | | | | |
| 220,000-volt | steel | 1,025.12 | ........ | 1,025.12 | 1,069.97 |
| 110,000-volt | " | 860.13 | * 0.47 | 859.66 | 1,519.92 |
| 110,000-volt | wood | 79.55 | 2.29 | 81.84 | 83.67 |
| 90,000-volt | steel | 65.85 | ........ | 65.85 | 120.81 |
| 60,000-volt | " | 59.58 | ........ | 59.58 | 35.57 |
| 60,000-volt | wood | 0.62 | ........ | 0.62 | 0.62 |
| 46,000-volt | steel | 32.47 | ........ | 32.47 | 65.17 |
| 46,000-volt | wood | 22.22 | ........ | 22.22 | 22.22 |
| 26,400-volt | " | 837.69 | 52.84 | 890.53 | 1,032.78 |
| 13,200-volt | " | 309.79 | *44.41 | 265.38 | 291.88 |
| 13,200-volt | steel | 1.17 | ........ | 1.17 | 2.34 |
| 12,000-volt | wood | 96.61 | 0.59 | 97.20 | 121.92 |
| Dominion Power division—44,000-volt | steel | 34.76 | ........ | 34.76 | 72.07 |
| Dominion Power division—44,000-volt | wood | 116.57 | *40.05 | 76.52 | 72.90 |
| Dominion Power division—22,000-volt | " | 28.69 | ........ | 28.69 | 38.21 |
| Dominion Power division—10,000-volt | " | 14.46 | ........ | 14.46 | 14.46 |
| **Georgian Bay System** | | | | | |
| 110,000-volt | wood | 55.83 | ........ | 55.83 | 55.83 |
| 38,000-volt | " | 199.37 | 24.02 | 223.39 | 250.87 |
| 6,600-volt | " | 2.30 | ........ | 2.30 | 2.30 |
| Severn district—22,000-volt | " | 133.86 | *24.11 | 109.75 | 164.19 |
| Eugenia district—38,000-volt and less | " | 246.15 | 6.50 | 252.65 | 334.78 |
| Wasdell district—22,000-volt | " | 83.43 | ........ | 83.43 | 87.37 |
| Muskoka district—38,000-volt | " | 26.31 | ........ | 26.31 | 26.31 |
| **Eastern Ontario System** | | | | | |
| 110,000-volt | steel | 163.23 | ........ | 163.23 | 166.54 |
| 110,000-volt | wood | 281.49 | 9.56 | 291.05 | 291.05 |
| 44,000-volt | " | 24.33 | ........ | 24.33 | 24.33 |
| 33,000-volt | " | 42.26 | ........ | 42.26 | 47.94 |
| Central district—44,000-volt and less | " | 496.01 | 17.87 | 513.88 | 552.11 |
| St. Lawrence district—44,000-volt | " | 128.29 | ........ | 128.29 | 128.67 |
| Rideau district—26,400-volt | " | 62.63 | ........ | 62.63 | 62.63 |
| Madawaska district—33,000-volt and less | " | 59.01 | ........ | 59.01 | 59.01 |
| **Thunder Bay System** | | | | | |
| 110,000-volt | steel | 82.12 | ........ | 82.12 | 164.28 |
| 110,000-volt | wood | 178.21 | ........ | 178.21 | 178.21 |
| 44,000-volt | " | 114.91 | * 1.10 | 113.81 | 113.81 |
| 22,000-volt | " | 7.87 | ........ | 7.87 | 7.87 |
| 12,000-volt | " | 1.45 | ........ | 1.45 | 1.45 |
| **Northern Ontario Properties** | | | | | |
| Abitibi district—132,000-volt | steel | 362.74 | ........ | 362.74 | 725.48 |
| Abitibi district—132,000-volt | wood | 190.19 | ........ | 190.19 | 190.19 |
| Abitibi district—33,000-volt and less | " | 152.61 | * 2.04 | 150.57 | 151.33 |
| Sudbury district—22,000-volt | " | 61.36 | 0.21 | 61.57 | 61.57 |
| Sudbury district—110,000-volt | " | 46.23 | ........ | 46.23 | 46.23 |
| Nipissing district—22,000-volt | wood | 62.32 | 0.84 | 63.16 | 80.04 |
| Patricia district—44,000-volt | " | 344.02 | ........ | 344.02 | 344.02 |
| Patricia district—22,000-volt | " | 33.01 | * 0.35 | 32.66 | 32.78 |
| Totals | | 7,226.82 | † 2.19 | 7,229.01 | 8,915.70 |

*Removals. †Net increase.

NOTE: Circuit miles of 220,000-volt line, in the province of Quebec, connected to H-E.P.C. lines = 103.45. Total, 220,000-volt system interconnected circuit miles = 1,173.42.

## TRANSMISSION LINE CHANGES AND ADDITIONS MADE DURING YEAR ENDED OCTOBER 31, 1942

### NIAGARA SYSTEM

**High-Voltage Lines**

A 110,000-volt, single-circuit, wood-pole line was built from Louth junction 2.29 miles to St. Catharines transformer station.

A section of the 110,000-volt, steel-tower line from Guelph transformer station to Preston transformer station, 1.36 miles in length, was replaced by 1.63 miles in a new location.

A 110,000-volt, double-circuit, steel-tower line, Nelson junction 0.74 mile to Wentworth junction, was removed.

A 110,000-volt, double circuit was removed from the steel-tower line Nelson junction 0.75 mile to Wentworth junction.

The 110,000-volt, double circuit and ground cable were removed from the steel-tower line Nelson junction 2.6 miles to Halton junction.

A 110,000-volt circuit was removed from the double-circuit, steel-tower line Halton junction 17.87 miles to Cooksville transformer station.

A section of the 60,000-volt, double-circuit, steel-tower line from Garner Road junction to Pelham junction was removed.

The 60,000-volt, double-circuit, steel towers from Burlington junction 17.45 miles to Hurontario junction were removed.

The 60,000-volt, double-circuit, steel towers from Hurontario junction 6.9 miles to Islington junction were removed.

A section of the 60,000-volt, single-circuit, wood-pole line from Garner Road junction to Welland Chemical Corporation was rebuilt with suspension insulators for that customer.

**Low-Voltage Lines**

Niagara District:—A 12,000-volt line was built from Stanley Street junction 1.6 miles to Niagara Falls Hickson Avenue station.

A 12,000-volt line was built from Magdalen Street junction 0.44 mile to Niagara Falls General Brock station.

A 12,000-volt line was built from "C.N.P. Co." transformer station 0.16 mile to "T.P." transformer station, replacing a similar line 0.23 mile in length which was removed.

A 12,000-volt line was built from "T.P." transformer station 1.23 miles to Waterworks junction and 0.1 mile to the Norton Company for that customer.

The 12,000-volt, double-circuit line from "T.P." transformer station 1.25 miles to Chippawa junction was rebuilt, restrung with heavier conductor, and 0.76 mile converted to single circuit. The connection to Chippawa junction was removed and relocated 800 feet to Waterworks junction.

The 12,000-volt, double-circuit line from Chippawa junction 0.13 mile to Waterworks junction was converted to single circuit and restrung with heavier conductor.

The 12,000-volt, double-circuit line from Waterworks junction 0.11 mile to the Norton Company was converted to single circuit with heavier conductor.

London District:—A 26,400-volt line was built from Centralia junction 0.2 mile to Centralia Airport for the Dominion Government.

A 13,200-volt line was built from Crumlin junction 1.46 miles to Central Aircraft Limited for the Dominion Government.

A 13,200-volt line was built from London transformer station 0.88 mile to London Trafalgar distributing station, partly on existing poles.

The 13,200-volt circuit from London transformer station 0.88 mile to Dorchester junction was removed.

The 13,200-volt circuit from Dorchester junction 0.61 mile to London Trafalgar distributing station was removed.

Guelph District:—The 13,200-volt line from Georgetown distributing station 0.56 mile to Provincial Paper junction was reinsulated and placed in service at 26,400 volts.

The 13,200-volt line from Provincial Paper junction to 0.86 mile to Provincial Paper Company distributing station was reinsulated and placed in service at 26,400 volts.

Kitchener District:—A 13,200-volt, double-circuit line was built from Kitchener transformer station 0.32 mile for the Kitchener Public Utilities Commission.

Stratford District:—A 26,400-volt line was built from Palmerston transformer station 1.11 miles and connected to the line to Listowel junction.

A 26,400-volt line was built from Palmerston transformer station 0.99 mile and connected to the line to Harriston junction.

The 26,400-volt line from Palmerston junction 0.78 mile to King and Toronto junction was removed.

A section of the 26,400-volt line from King and Toronto junction to Harriston junction 0.23 mile in length was removed.

One circuit of the 26,400-volt line from Stratford transformer station 6.51 miles to Sebringville junction was removed.

The 26,400-volt, double-circuit line from Stratford transformer station 1.75 miles to Stratford municipal station was converted to pole-top-pin construction and restrung for the Stratford Public Utilities Commission.

A 26,400-volt underground cable was installed from Stratford transformer station 1.51 miles to Stratford municipal station for the Stratford Public Utilities Commission.

St. Marys District:—The 13,200-volt circuit and sky wire from St. Marys transformer station 0.67 mile to St. Marys junction was removed.

A section of the 13,200-volt line from St. Marys junction to St. Marys Portland Cement Company distributing station 0.76 mile in length was removed. The ground cable was removed throughout, a distance of 1.55 miles.

A 13,200-volt circuit was erected on 0.86 mile of Telephone poles and 0.49 mile of new poles from St. Marys transformer station and connected to the line to St. Marys Portland Cement Company distributing station.

Brant District:—On eleven sections, totalling 43.64 miles, ground cable was removed. Ten of these sections, totalling 41.56 miles, were converted to pole-top-pin construction.

Cooksville District:—A 26,400-volt line was built from Clarkson distributing station 1.73 miles to the British American Oil Company.

Five sections, totalling 24.32 miles, were reinsulated and placed in service at 26,400 volts.

Kent District:—The remaining section of ground cable, 4.75 miles in length, was removed from the 26,400-volt line from Dresden junction to Oil Springs junction.

Essex District:—A 26,400-volt line was built from Bloomfield junction 0.63 mile to Canadian Industries Limited.

Sections of 26,400-volt lines totalling 0.34 mile were removed from Essex transformer station to Essex distributing station by rearrangement of lines.

York District:—Twelve sections, totalling 20.39 miles, were reinsulated and placed in service at 26,400 volts, completing the change-over from 13,200 volts to 26,400 volts in this district.

Hamilton District:—A 13,200-volt tap-line was built 0.06 mile to Aerovox (Canada) Limited.

St. Clair District:—A 26,400-volt line was built from Polymer junction 0.22 mile to Polymer Corporation for that customer.

On six sections, totalling 27.10 miles, the ground cable was removed.

Toronto and Leaside Districts:—A 13,200-volt tap-line was built 0.06 mile to Scarborough township distributing station number two.

Toronto and Fairbank Districts:—A 26,400-volt line was built from York Mills distributing station 2.19 miles to Bayview distributing station.

A 26,400-volt tap line was built 0.04 mile to the Acme Screw and Gear Company.

CROWLAND DISTRICT:—A 26,400-volt line was built from Page Hersey junction 0.74 mile to Page Hersey Tubes Limited.

A 26,400-volt line was built from Page Hersey Tubes Limited 0.19 mile to Electro Metals station.

A 26,400-volt line was built from Crowland transformer station 0.54 mile and connected to the line to Union Carbide junction, 0.22 mile of which was restrung with heavier conductor.

A 26,400-volt tap-line was built 175 feet to the Dominion Oxygen Company Limited for that customer.

THOROLD DISTRICT:—A 12,000-volt line was built from St. Catharines transformer station 0.2 mile to McKinnon Industries Limited.

A 12,000-volt line was built from Alliance junction 0.17 mile to the Alliance Paper Company.

WELLAND DISTRICT:—Three sections, totalling 1.77 miles, of 12,000-volt lines were removed. The remainder of this district was incorporated into Crowland district.

NIAGARA-DOMINION DISTRICT:—A 44,000-volt circuit was erected on existing poles 0.51 mile and on new poles 0.89 mile from Niagara Falls (C.N.P.) frequency changer station to the Niagara Weir for that customer.

The 44,000-volt line from DeCew Falls generating station 13.20 miles to Beamsville distributing station was removed.

The 44,000-volt line from Bartonville switching station 26.85 miles to Cockshutt station was removed.

The 22,000-volt line from DeCew Falls generating station 3.7 miles to Thorold junction was rebuilt.

## GEORGIAN BAY SYSTEM

### High-Voltage Lines

The 22,000-volt line from Collingwood distributing station 0.97 mile to the Collingwood Elevator was reinsulated and placed in service at 38,000 volts.

The 22,000-volt, double-circuit line from Coldwater junction 15.86 miles to Elmvale junction was converted to single circuit, reinsulated, and placed in service at 38,000 volts.

One circuit of the 22,000-volt, double-circuit line from Waubaushene switching station 3.68 miles to Coldwater junction was reinsulated and placed in service at 38,000 volts.

One circuit of the 22,000-volt, double-circuit line from Elmvale junction 4.51 miles to Fergusonvale junction was reinsulated, parlty relocated, and placed in service at 38,000 volts.

The 22,000-volt circuit from Fergusonvale auto-transformer station 27.11 miles to Collingwood distributing station was reinsulated and placed in service at 38,000 volts and the ground cable was removed.

A portion of the ground cable, 1.78 miles in length, was removed from the 38,000-volt line from Collingwood distributing station to Meaford junction.

EUGENIA DISTRICT:—A 38,000-volt line was built from Owen Sound distribution station number two 1.84 miles and connected to 0.13 mile of 38,000-volt circuit to Owen Sound distributing station number one.

A 38,000-volt line was built from Victoria Park junction 0.15 mile to the line between Owen Sound distributing station number one and number two.

A 38,000-volt line was built from Victoria Park junction 0.81 mile to Owen Sound (Kennedy) distributing station.

A 38,000-volt line was built from Kilsyth junction 3.69 miles to Owen Sound distributing station number two.

The 22,000-volt line from Victoria Park junction 0.32 mile to Owen Sound distributing station number one was converted to single circuit at 38,000 volts.

The operating voltage was raised from 22,000 to 38,000 volts on thirty-three sections totalling 198.05 miles, of which thirty-one sections totalling 179.85 miles were reinsulated this year. The lines from Eugenia generating station north westerly to Wiarton, south to Hanover, and west to Lake Huron, comprising over 80 per cent of the line mileage in Eugenia district, are now in operation at 38,000 volts.

The ground cable was removed from twenty-one sections totalling 128.25 miles.

The 38,000-volt line between Kilsyth junction 9.95 miles to Derby Mills junction was restrung.

SEVERN DISTRICT:—The ground cable and one circuit were removed from the 22,000-volt, double-circuit line Elmvale junction 0.42 mile to Elmvale distributing station.

On three sections of 22,000-volt lines, totalling 24.11 miles, the ground cable was removed.

## EASTERN ONTARIO SYSTEM

### High-Voltage Lines

A 110,000-volt, single-circuit, wood-pole line was built from Bryson generating station of the Gatineau Power Company 7.94 miles to the Dominion Magnesium Company.

The 110.000-volt, single-circuit, wood-pole line from Chats Falls to Trenton was looped in to Barrett Chute generating station by the construction of 1.62 miles of line.

CENTRAL DISTRICT:—A 44,000-volt line was built from Lindsay junction 13.94 miles to Lindsay Arsenal.

A 44,000-volt line was built from Lindsay distributing station 3.07 miles to Lindsay Arsenal.

A 44,000-volt line was built from Portsmouth junction 0.94 mile to Canadian Industries Limited.

A 44,000-volt line was built from Oshawa transformer station 0.12 mile to Oshawa Boulevard junction.

A section, 0.2 mile in length, of the 44,000-volt line from York Road junction to Bath Road junction was removed.

Ground cable was removed from 17 miles of the 44,000-volt line between Lindsay junction and Lindsay distributing station.

ST. LAWRENCE DISTRICT:—A 44,000-volt line was built from Hoople Street junction 0.61 mile to Defence Industries Limited for that customer.

MADAWASKA DISTRICT:—A 23,000-volt line was built from the Pembroke Electric Light Company station in Pembroke 10.86 miles to Petawawa Military Camp station for the Dominion Government.

A 33,000-volt connection 400 feet in length was built to the Arnprior Airport station for the Dominion Government.

## THUNDER BAY SYSTEM

A 44,000-volt line was built from Little Long Lac Gold Mines 1.43 miles to the Elmos Island property of Tombill Gold Mines Limited for that customer.

The 44,000-volt line from Magnet Lake junction 1.1 miles to Jellicoe Consolidated Gold Mines Limited was removed.

## NORTHERN ONTARIO PROPERTIES

ABITIBI DISTRICT:—The ground cable and telephone circuit were replaced with copper on a 2.2-mile section of the 132,000-volt line from Blezard Valley junction to Falconbridge transformer station.

The 26,400-volt line from Pamour transformer station to Hoyle Gold Mines Limited was extended 0.1 mile to a new mine station.

The 26,400-volt line from Vipond junction 0.15 mile to Mace Gold Mines distributing station was removed.

The 26,400-volt line from Hallnor Mines Limited 0.56 mile to North Whitney Mines Limited was removed.

The 13,200-volt line from Bidgood Kirkland Gold Mines Limited 0.88 mile to Moffat-Hall Mining Company Limited was removed.

The 13,200-volt line from Lakeside junction 0.55 mile to Lakeside Kirkland Gold Mines Limited was removed.

SUDBURY DISTRICT:—A 22,000-volt circuit was erected on Sudbury Hydro-Electric System poles from Notredame junction 0.21 miles to Sudbury Railway distributing station.

Nipissing District:—A 22,000-volt line was built from Elliott Chute junction 0.48 mile to Bingham Chute generating station.

A 22,000-volt, double circuit was erected on existing poles from Sturgeon Falls junction 0.36 mile to Sturgeon Falls generating station.

Patricia District:—The 22,000-volt line from Springer junction 0.32 mile to Central Patricia (Springer) Mine station was removed.

## TELEPHONE LINES—ALL SYSTEMS

**Niagara System**—In the St. Thomas district 2.25 miles of the telephone circuit carried on 13,200-volt transmission line poles between Aylmer junction and Aylmer distributing station were relocated for the Department of Transport in order to clear the approaches to the new airport at Yarmouth Centre (Aylmer).

In the London district a telephone circuit 0.21 mile long was erected for the Department of Transport on 26,000-volt transmission line poles from Centralia junction to Centralia airport (Royal Canadian Air Force).

In the Stratford district two telephone circuits were erected on 26,400-volt transmission line poles, 1.11 miles from Palmerston transformer station to a tap near Palmerston junction.

A single telephone circuit was erected on 26,400-volt, rural and separate telephone poles, for 1.74 miles south and easterly from Palmerston transformer station, to replace 1.75 miles of trunk telephone circuit on 110,000-volt power poles easterly from the new Palmerston transformer station towards Erbs junction.

In the Niagara district, a single telephone circuit 9.37 miles long was erected on 26,000-volt rural and separate telephone poles, from Garner Road junction to Crowland transformer station.

The double-circuit trunk telephone pole line from Vinemount to Stoney Creek, along 6 miles of the T. & N.P. right-of-way, was completely rehabilitated.

A telephone circuit 1.59 miles long was erected on 12,000-volt transmission line poles, from the Toronto Power Company transformer station to the Niagara Weir construction works.

The existing telephone pole line between the Ontario Power Company transformer station and Queenston generating station, 5.85 miles, was reconstructed to accommodate a 75-pair, composite, paper-insulated, lead-covered cable for general communication facilities. In this connection four telephone circuits were erected 5.65 miles from Niagara transformer station to Queenston generating station.

In the Leaside district a single telephone circuit 2.19 miles long was erected on 26,000-volt transmission line poles, between York Mills and Bayview distributing stations.

To facilitate communication to the new Burlington transformer station, a double-circuit telephone pole line 10.30 miles long was erected from Woodburn via Fruitland distributing station to Hamilton Beach transformer station.

Two additional telephone circuits were erected from Dundas transformer station, 7.69 miles to Nelson junction. A double-circuit telephone connection was erected partially on the Canadian National Telegraph and Bell Telephone Company poles, 4.47 miles from Burlington transformer station to Burlington junction.

A ten-circuit trunk telephone pole line was constructed from Burlington transformer station to Nelson junction, 1.55 miles, to allow a loop into Burlington transformer station from the Commission's Toronto to Dundas telephone circuits.

Between Burlington and Hamilton Beach transformer stations 18.05 miles, a 52-pair, composite, paper-insulated, lead-covered cable was installed to provide telephone and meter control facilities.

**Georgian Bay System**—A 53-pair, composite, paper and rubber-insulated, lead-covered cable was erected on the existing telephone line poles from Ragged Rapids generating station 3.70 miles to Big Eddy generating station.

A new single-circuit telephone line was erected on 44,000-volt transmission line poles, 5.84 miles from Kilsyth junction to Owen Sound.

The telephone circuit was replaced on the 38,000-volt transmission line poles, 6.20 miles, between Holyrood junction and Holyrood distribution station.

**Eastern Ontario System**—At Ottawa transformer station, Masson generating station and Chats Falls generating station, aerials were erected on the power lines for the operation of power line carrier terminals at these locations.

Carrier installations were made at Barrett Chute for operation over existing telephone circuits from Barrett Chute generating station to Chats Falls and to Belleville respectively.

A 25-pair, paper-insulated, lead-covered cable 4,000 feet long was installed between the transformer station control room and telephone equipment building at Chats Falls.

The single-circuit telephone line was looped into Barrett Chute generating station from the existing Sydney to Chats Falls, 110,000-volt pole line. The distance from the structure to the line was 0.78 mile.

**Northern Ontario Properties**—A new single-circuit telephone line 1 mile long was erected from Sudbury distributing station No. 1 to the Sudbury office.

A telephone circuit 0.9 mile long was erected on 26,400-volt transmission line poles between North Bay distributing stations No. 1 and No. 2.

## DISTRIBUTION LINES AND SYSTEMS

## IN RURAL POWER DISTRICTS

The following summary shows the mileage of distribution lines constructed by the Commission in rural power districts and the number of consumers served.

The summary indicates a total construction during the year of 43 miles of new primary lines completed and giving service to 2,905 additional consumers.

### SUMMARY OF CONSTRUCTION IN RURAL POWER DISTRICTS

| System and district | At October 31, 1941 | | At October 31, 1942 | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Miles of primary line constructed | Number of consumers receiving service | Miles of primary line | | | Number of consumers | | |
| | | | Constructed | Under construction or authorized | Total | Receiving service | Authorized | Total |
| Niagara System..... | 11,736.46 | 81,088 | 11,752.01 | 4.69 | 11,756.70 | 83,150 | 597 | 83,747 |
| Georgian Bay System | 3,049.59 | 18,487 | 3,063.43 | ....... | 3,063.43 | 18,639 | ..... | 18,639 |
| Eastern Ontario System.......... | 4,618.54 | 26,962 | 4,629.56 | 1.80 | 4,631.36 | 27,510 | 350 | 27,860 |
| Thunder Bay System | 286.16 | 1,313 | 288.98 | ....... | 288.98 | 1,397 | ..... | 1,397 |
| Northern Ontario Properties...... | 331.88 | 3,404 | 331.88 | ....... | 331.88 | 3,463 | ..... | 3,463 |
| Abitibi district..... | 53.04 | 254 | 53.04 | ....... | 53.04 | 250 | ..... | 250 |
| Sudbury district.... | 28.50 | 1,286 | 28.50 | ....... | 28.50 | 1,333 | ..... | 1,333 |
| Nipissing district... | 88.18 | 908 | 88.18 | ....... | 88.18 | 918 | ..... | 918 |
| Manitoulin district. | 162.16 | 956 | 162.16 | ....... | 162.16 | 962 | ..... | 962 |
| Totals.......... | 20,022.63 | 131,254 | 20,065.86 | 6.49 | 20,072.35 | 134,159 | 947 | 135,106 |

# SECTION VIII

## TESTING—RESEARCH—INSPECTION

### PRODUCTION AND SERVICE

THE Laboratories expanded direct contribution to the war effort by increased inspection, testing and research for various departments of the government and the armed services. Several engineers and research workers were released to engage in important research and other work for the duration.

Indirect contributions continued in the study and testing of apparatus of various types required by the Commission to maintain the supply of power to war industries and for civilian use. Research work is a factor of leading importance in the war programme and the Commission has contributed to this vital work through the Laboratory staff and its research activities.

The study of vibration in transmission line conductors resulted in the design of new torsional dampers for the protection of a greater range of conductor sizes. The suppression of vibration makes it possible to build high-tension lines at less cost and with greater assurance of continuity of service.

The conditions existing in large concrete structures were under investigation and the greater knowledge obtained serves as a guide in the preparation and placing of concrete. The study of absorptive form linings marks an advance in development of methods of handling concrete.

Studies of radio interference produced further information with which to diagnose cases of interference to broadcast listeners and with other services.

The factory inspection service has continuously assured high quality in the equipment purchased and installed and thus minimized interruptions to the power supply.

Special attention was given to the study and testing of substitute materials to ensure that under war restrictions the Commission would have suitable materials of satisfactory quality for its requirements.

The Approvals Laboratory, which functions as agent of the Canadian Engineering Standards Association, has continued its service of testing devices and fittings and has co-operated closely with the Electrical Inspection department for protection against electric shock and fire hazard to keep down accidents within the Province.

## TESTING AND RESEARCH LABORATORIES

### Routine and General Testing

Part of the work of the Laboratories is the conducting of routine tests on products and materials, and the inspection of equipment of various kinds for the Commission and for Hydro municipal utilities in the Province. Attention is given to equipment while being manufactured, after completion in the factory and following erection in the field. While the greater portion of this work is of a routine nature, the type of test applied in each case is selected to ensure reliability and satisfaction in service.

### Materials and Equipment Inspection

#### Transmission Line Materials

Inspection of transmission line materials handled by Strachan Avenue stores continued through the year. This included insulator pins, cross arms, clamps, brackets, ground rods, general line hardware, wire and cable. The amount of copper wire and galvanized steel cable inspected amounted to 341 tons, the former being only a small part of this total.

#### Electrical Equipment

Factory inspection covered two 24,000-kv-a generators for Barrett Chute development, one 1,200-kv-a generator for Sills Island generating station and one 2,000-kv-a generator rebuilt for Rat Rapids. After the two generators were installed at Barrett Chute, acceptance tests were supervised.

Inspection and electrical witness tests were made on 126 power transformers, with total capacity of 357,126 kv-a, 56 oil circuit breakers, total capacity 6,577,479 kv-a, and 114 disconnecting switches having total capacity of 8,755,176 kv-a. The greater part of 543 new distribution transformers inspected was for airport service, and 281 used transformers were also inspected after repairs had been made. Line and bus insulators totalled 37,804, valued at $122,973, but very few were of the suspension type.

Metalclad switchgear equipment for twelve installations was inspected in detail at two factories.

In the latter part of the year, gradient tests were made in the field on 1,675 transformer and oil-circuit-breaker bushings and insulators installed on equipment. This service is being continued as a safeguard against power interruptions and to minimize maintenance costs. In addition, the results of about 3,000 tests made by the Operating department were reviewed.

Routine tests were made in the Laboratories on 6,044 pairs of linemen's rubber gloves and 1,761 samples of insulating oil. Special tests were made on 1,153 samples of oil. Instrument and distribution transformers tested amounted to 1,445, about 15 per cent more than last year. The quantity of thermostats tested, 1,779, was much greater and there was an increase of 70 per cent in the number of insulators given routine tests, the total being 20,463 units. The watthour meters repaired numbered 4,876. Also 204 indicating instruments were calibrated, an increase of 18 per cent.

### Mechanical and Structural Equipment

Factory and field inspection included two 28,000-horsepower hydraulic turbines and two 24,000-kv-a generators for Barrett Chute development, also embedded parts for one 65,000-horsepower turbine for DeCew Falls generating station, including the speed ring, discharge ring, draft tube liner, pit liner and scroll case.

Among the more important structures inspected for Barrett Chute development were one 120-ton crane, two 13-ft. diameter penstocks, four head gates and hoists and four stoplog winches, together with the structural steel for the power house. Other items, inspected for various plants, were four 66-inch butterfly valves, one 30-inch silicon-bronze turbine runner, structural steel for Hamilton Gage transformer station and twelve emergency gates for DeCew Falls generating station.

Welding and other features in the fabrication of tanks for power transformers and oil circuit-breakers and of frames and other parts of large turbines and generators were given very close inspection. Forty-five welded transformer tanks were inspected upon request of a transformer manufacturer.

### Concrete

Six resident concrete inspectors, and nine other inspectors and assistants were engaged on eight construction projects. Their duties were the testing of aggregates, supervising the processes and checking the quality of the concrete.

Field inspections of seventeen structures were made to check condition of the concrete and observe any deterioration.

Field surveys for materials required were made at three sites:—DeCew and Eugenia power developments and Armstrong.

### Protective Coatings

Protective coatings, including paints, for use in the Commission's construction projects were tested for quality, this being a very important service in view of the number of substitutes now in use. The number of paint samples tested was 108, slightly more than last year. The weatherometer is used extensively to accelerate deterioration of the test samples.

### Steel and Timber

Structural and reinforcing steel inspected, together with galvanized station and tower steel, amounted to 2,695 tons. A total of 7,847 pine and cedar poles were examined.

### Lamps and Lighting Equipment

The number of lamps examined and tested in the factory was 91,214, nearly 30 per cent more than last year. Life tests were made on 4,800 lamps. Various automobile headlight and signal devices also were tested.

Baking tests on paint by infra-red rays amounted to about 70 per cent more than last year, the number of samples being 85, which indicates the increasing interest of the manufacturers in this method of baking paints and other protective coatings.

## Research

The Laboratories are associated with all of the research problems of the Commission and supply the greater part of the personnel and the equipment for these studies. In most instances, the work is done within the Laboratories but there also are a number of problems which require field tests. These are supervised by members of the staff acting in co-operation with the research subcommittees.

### Vibration of Transmission Line Conductors

In view of the great investment in transmission lines and the vital part they play in electrical supply problems, the study of line conductor vibration which causes cable breakage and service interruptions is one of the most important continuing studies carried on from year to year.

Design of new torsional dampers, the result of earlier research, has extended the range of conductors which can be protected. Comparison of dampers has been made in order to keep the number of types and sizes in use at a minimum.

From the studies it is evident that all sizes of steel-reinforced aluminum cable are subject to vibration and preventive methods are necessary in all areas where wind can cause vibration.

A new type of emergency repair was investigated on the Sarnia-St. Thomas 110,000-volt line to determine its effect in preventing vibration.

An improvement has been made in automatic recording equipment with constant speed film drive, this equipment being the basis for performance evaluation of vibration suppression devices.

A large amount of data on conductor vibration has been compiled. This year a specification was prepared on zinc-coated steel wire based on fatigue and other properties determined in the investigations.

The experience and knowledge gained in the study of vibration has proven of value in the solution of problems in fields other than that of line conductors, i.e. vibration of tower members and large section back guys at a wide river crossing.

### Electrical Insulation

Studies of the gradient method of testing transformer and oil-circuit-breaker bushings, and high-voltage direct current testing of cables have been an important part of the work. Insulating materials were investigated, and also types of joints. Failures of distribution transformers in service were studied. Co-ordination of insulation on rural circuits was given considerable attention and more information was gathered on the serviceability of various types of lightning arresters. Study of the application of substitute insulating materials was more important than previously.

### Remote Control of Loads

A research subcommittee has been studying methods of controlling remotely water heater and other domestic loads which may be disconnected for a time from a central point. The merits of different systems were studied with a view to assisting the municipalities with their problems of peak loads and remote control of street lighting and other circuits.

### Radio Interference

Laboratory and field tests were made on various equipment suspected of producing radio interference—power lines, transformers, insulators, switches and lightning arresters. Improving the broadcast listeners' reception is the chief purpose of radio interference studies and tests.

### Electronic Applications

Frequency modulation of radio carrier waves was studied by several members of the staff who presented the subject at a meeting of the Toronto Section Discussion Group of the American Institute of Electrical Engineers.

Field tests were made on station-to-truck radio communication equipment with a view to using the method to enable patrolmen to keep in touch with their base stations.

The study of direct current transmission of power was continued.

### Domestic Hot Water Tanks and Heaters

Service tests have been continued on experimental hot water tanks and heaters and a new porcelain-enamelled tank was installed. Tests of heater elements were made in both copper and iron tanks and on various types of insulating material used with strap-on and immersion heaters.

### Electric Welding

Studies were continued on the effects of stress relieving as a means of reducing the magnitude of stresses caused by welding. Investigations were started to determine the merits of different electrodes for welding cast iron. Attention was given to a new metal spraying process used for building up worn shafts, turbine blades and other deteriorated parts.

### Masonry Materials

Much of the work was a continuation of the studies on mass concrete, particularly the investigation of stress, strain and temperature conditions. Improvements were made in the method of measuring temperature in concrete.

Progress was made in an investigation to determine the effect of long periods of storage upon the quality of cement. The investigation of absorptive form linings also has progressed and arrangements have been made for a trial installation on a construction job in the Niagara district.

### Paints and Protective Coatings

A study of equipment enamel has been started and various brands of paints were tested for quality. The blistering and peeling of some house paints have presented an important problem which received considerable attention. Investigations were made on materials for lubricating and protecting lead cable.

### Petroleum Products

A study of the effect of water in insulating oil on the rate of filtering through filter paper has been made to obtain additional information on this

RADIOGRAPHIC EXAMINATION OF MATERIALS

X-ray tube assembled with lead-lined cabinet for locating faults in metal castings and other parts

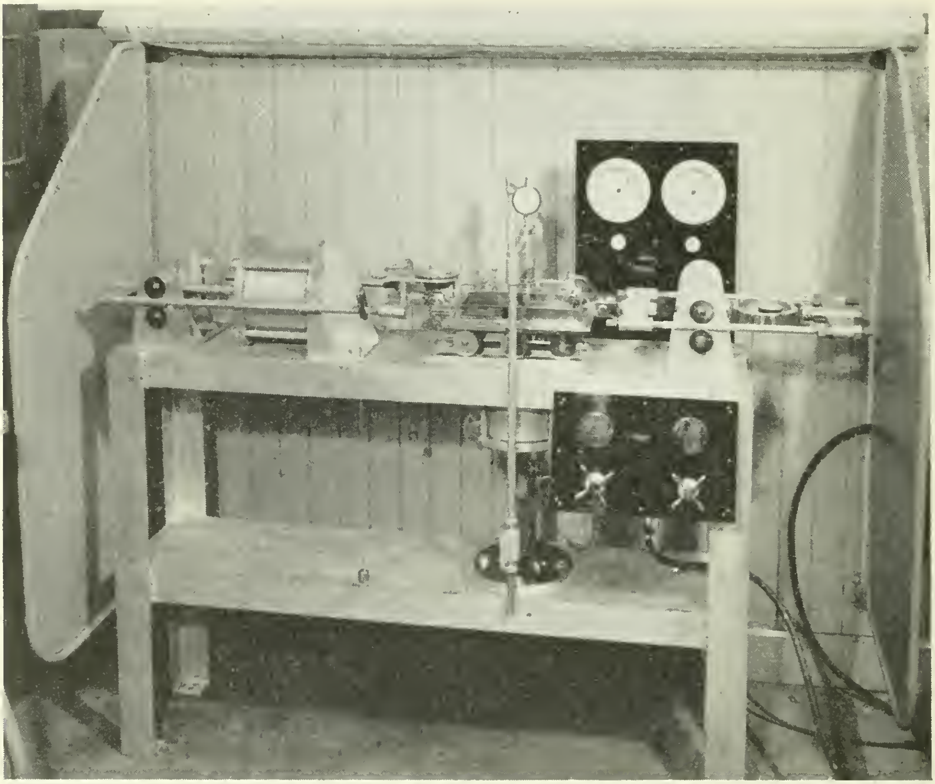
subject. An investigation also was made on lubricating oil which had developed a high acidity and was beginning to deposit sludge and this oil was restored to a fair condition. Tests are made on petroleum oils, greases, etc., that may be of interest to the Commission.

### Treatment of Wooden Transmission Structures

The use of wood preservatives to prevent deterioration of poles at the ground line is proving of substantial value to the Commission. Study of preservatives and their application is an important part of the work. A new pole test bed was established this year at Cameron Falls with specimens of spruce, pine, eastern cedar and western cedar. In the existing test beds at Barrie and Leaside, a number of pole sections which had been treated with water-soluble salts were inspected and analysed to determine the quantity and distribution of the various chemicals absorbed by the wood.

### Joints in Electrical Conductors

Test spans have been installed in the Laboratory yard where various types and modifications of joints were given tests under service conditions.



SHEAR STRENGTH OF SOILS
Pneumatic direct shear-testing machine for measuring the friction angle and cohesion of soils for use in earth dams, dikes and embankments

Electrical resistance measurements were made periodically to determine the deterioration of these joints. These spans were extended this year to include U-bolt clamps for aluminum-to-copper joints.

The study of twisted and compression sleeve joints was continued using several types of filler materials and different methods of application.

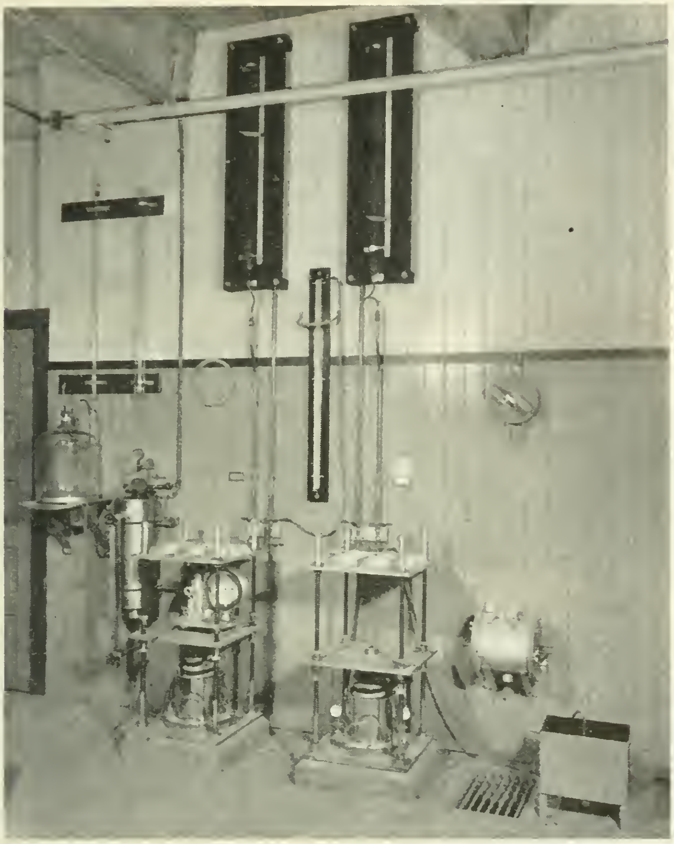
### Grounding

The problem of grounding transformer cases and pole line hardware was given further attention. The galvanizing of ground rod assemblies was studied and found desirable to continue for the present.

The grounding of airbreak switches was given attention with special reference to the potential differences between the operating handle and ground under fault conditions.

### Miscellaneous Research

Soil investigations were carried further to determine the properties of earth materials for use in dam construction. Certain factors which influence



PERMEABILITY OF SOILS
Two permeameters for measuring the seepage capacity of soils under load

the results obtained in permeability and shear tests were given special attention.

Fluoroscopic studies of various types of metal castings have been made to insure reliability in service of equipment being constructed.

**New Equipment**

Two new insulation-testing transformers were purchased for the wire test laboratory; a new head-lifting device was obtained for the 40,000-lb. Universal compression testing machine and a 200-lb. capacity dial type scale for the concrete and soil laboratories. Three permeameters and a liquid limit measuring device were bought for soil testing and a reflectometer and transmissometer for the photometric laboratory.

A pacing disc device was assembled for the soil shear machine, a lead-lined steel cabinet was completed for radiographic work, and a special magnet was designed and assembled to charge permanent magnets.

**Specifications and Committee Work**

Members of the Laboratories' staff attended meetings and conferences of several organizations and assisted in the preparation of specifications and other committee activities. These organizations included: Canadian Engineering Standards Association, National Research Council, Engineering Institute of Canada, American Institute of Electrical Engineers, American Concrete Institute, American Society for Testing Materials, International Association of Electrical Inspectors, Canadian Machine Tool Builders' Association, Canadian Manufacturers' Association, Ontario Municipal Electric Association, and Association of Municipal Electrical Utilities.

## APPROVALS LABORATORY

This section of the Laboratories functions as agent of the Canadian Engineering Standards Association, taking care of approvals testing and factory re-examination of electrical equipment throughout Canada, and for manufacturers in the United States who wish to sell their products in Canada. The Approvals engineer attends meetings of the administrative board of the Approvals division held in Ottawa, Montreal and Toronto.

Revenue-producing items have shown a decrease this year. Although label sales for insulated wire and cable and for conduit had increased last year, they have again decreased in volume indicating that the building period for war plants and wartime housing has passed its peak. The reduction in quantity of appliances is largely due to the necessary restriction in the use of metals and other essential raw materials required in the production of equipment and materials for use in the war. Many lines of electrical equipment are considered non-essential and therefore have been almost entirely withdrawn from production.

## ELECTRICAL INSPECTION DEPARTMENT

The various restrictions necessitated by Canada's wartime economy have been forcibly reflected in the volume of work handled by the Electrical Inspection department this year. The decrease in the number of non-essential electrical installations, such as those for urban residential and commercial premises, together with the cessation of rural line construction and extensions, have not been counterbalanced by the volume of electrical installation work carried out in buildings classified as essential to the prosecution of the war.

It would appear that this condition will not show improvement until after the war, and that the volume of work will continue to decrease as essential war industries have now reached a high degree of saturation.

**Statistical**

A total of 88,934 permits was issued, a decrease of 26.2 per cent from last year and a decrease of 21.5 per cent from the average number issued during the five fiscal years, 1938-1942. Inspections made numbered 183,716, a decrease of 14 per cent from 1941.

### Fires Attributed to Electricity

In making routine investigations of fires reported as having been caused through wiring and equipment, fourteen were found to have originated from this source. Five of these were due to current from electric street railway systems accidentally entering consumers' premises, not to defective wiring nor improper use of apparatus or wiring by the consumer.

The remaining nine fires were due to clothing in contact with a hot plate, joints in flexible cord, short circuits in armoured cable and in knob-and-tube wiring, and an iron left in contact with combustible material and unattended.

### Electrocutions and Fatal Accidents

Seven persons lost their lives in 1942 as a result of accidents in connection with electric wiring and equipment in Ontario. Causes of these fatalities, briefly, were,—two men received fatal burns while opening 2,300-volt disconnecting switches under load; two men came into contact with high-voltage lines; one man touched a grounded metal conduit while making splices in a live 600-volt conductor and another grasped a grounded conduit while cutting a 120-volt service conductor; one woman was electrocuted while taking a bath when an air heater fell into the bath tub.

### Accidents, Non-Fatal

In addition to fatalities, twelve persons received either severe shock or burns as a result of accidents due to electrical equipment.

In ten of these cases, men received severe burns,—four were handling live conductors on the back of 600-volt switchboards; one used a 240-volt test lamp on a 600-volt circuit; one was transposing live supply leads to a motor; another was cleaning the terminals of a live disconnecting switch with a wire brush; one opened a defective live switch while investigating trouble and two were burned while standing near a disconnecting switch when it was opened under load. Some of these persons suffered shock as well as burns but two others received shock, one while touching a defective ungrounded casting drier and the other from contact with armoured cable that was defective and had been installed in a sub-standard manner.

### Ground Tests

A total of 698 ground tests were made in isolated communities and rural districts, as compared with 2,511 in 1941. The reduction is due to the decrease in rural line extensions.

### Infractions of Regulations

Twenty-five persons, or companies, were prosecuted for various infractions of the rules and regulations governing the installation, sale and disposal of electric wiring and equipment.

### Special Inspections of Equipment

During the year, 1,057 applications were received from manufacturers and distributors of electrical equipment for approval of devices not listed as approved by the Canadian Engineering Standards Association. The department reported upon 844 of these applications.

**The Canadian Electrical Code**

Engineers of the Canadian Engineering Standards Association, and members of the Engineering department and Electrical Inspection staff attended sixteen meetings and assisted in compiling and revising sections of Parts I, II and IV of the Code.

The work on Part I of the Code, on Electrical Installations, includes issuing interim revisions and interpretations and attending meetings of the Central committee. That on Part II, on Approval Specifications for Electrical Equipment, involves the preparation of draft specifications and includes meetings with Part II committee. The work associated with Part IV, on Radio Interference, includes preparations of drafts of sections of specifications which would ensure good practice in methods of suppressing radio interference. This work also involves attendance at meetings of the committee on Part IV, and meetings of panels and subpanels of the Main committee.

Attention was given to the preparation and editing of galley and page proof forms for the Part I and Main committees, and in compiling final preliminary drafts for the Part II committee. Twenty new and revised specifications of Part II were issued and fifteen other specifications were advanced. Work was started on two new specifications, one of which was left uncompleted by order of the Administrative Board. A large amount of secretarial work was done on the preliminary draft stages of other specifications.

## PRODUCTION AND SERVICE DEPARTMENT

The volume of work done in the machine shop, carpenter shop and garage continued on a very active basis, exceeding that of the previous year by approximately 15 per cent. Part of the increase in the machine shop was due to participation in the Bits and Pieces Programme which resulted in the manufacture of 22,800 individual parts for various war industries.

A total of 1,530 orders was completed by the machine shop and garage. The work done in the garage included overhauling 74 trucks and reconditioning 46 units of gasoline-driven equipment for the Construction department. In addition, 963 orders for miscellaneous truck repairs were completed. The policy of regularly and systematically inspecting the Commission's fleet of 379 trucks was continued.

The curtailment in the manufacture of commercial vehicles limited the purchases by the Commission to 31 trucks and one trailer. Of these, 11 trucks were replacements and the remaining 20 were additions to the fleet. No trucks have been purchased since April and all efforts from that time have been confined entirely to maintaining present equipment.

The mileage operated by the fleet during the fiscal year was approximately 2,700,000 miles which represents a reduction of 18 per cent from the previous year's mileage. This reduction reflects the consistent efforts made by the various departments of the Commission to conserve rubber and reduce the consumption of gasoline.

# SECTION IX

## FINANCIAL STATEMENTS

### Relating to

### Properties Operated by The Hydro-Electric Power Commission in the Niagara, Georgian Bay, Eastern Ontario and Thunder Bay Systems on Behalf of Municipalities

### and to

### Northern Ontario Properties Held and Operated by the Commission in Trust for the Province of Ontario, and

### The Hamilton Street Railway Company—A Subsidiary of Niagara System

IN this section of the Report financial statements relating to the activities of The Hydro-Electric Power Commission, segregated into certain distinct divisions, are presented. The first division relates to those activities on behalf of the co-operative municipalities, which are partners in the main "Hydro" undertaking comprising the Niagara, Georgian Bay, Eastern Ontario and Thunder Bay systems. The second relates to the administration of the Northern Ontario Properties which are held and operated by the Commission in trust for the Province of Ontario. The third relates to The Hamilton Street Railway Company, a subsidiary of the Niagara system.

### Co-operative Systems

In the Foreword to this Report a brief reference is made to the basic principle governing the operations of the "Hydro" undertaking in supplying electrical service at cost, and to the *wholesale* and *retail* aspects of the work. A description is also given of the several systems into which the partner municipalities are co-ordinated for securing common action with respect to power supplies, through the medium of The Hydro-Electric Power Commission which, under The Power Commission Act, functions as their Trustee.

Although for the purpose of financial adminstration the various systems are separate units, there is a similarity of procedure with respect to their operation which enables certain financial statements, as for example the various reserves, to be co-ordinated and presented in summary tables.

The first set of tables in Section IX gives collective results for the co-operative activities related to the four systems. These tables include a **balance sheet**; **a statement of operations and cost distribution** as detailed in the "cost of power" tables referred to below; schedules respecting **fixed assets, capital expenditures and grants—rural power districts, power accounts receivable, funded debt issued or assumed, renewals reserves, contingencies and obsolescence reserves, stablization of rates reserves, sinking fund reserves** and the **account with the Provincial Treasurer of the Province of Ontario.**

The tables which follow these general financial statements relate more particularly to the individual municipality's aspects of the wholesale activities of the Commission and for each system show the **cost of power** to the individual municipal utilities, the **credit or debit** adjustment remaining at the end of the fiscal year, and the **sinking fund** equity that has been acquired by the individual municipality. There is also included for each system a **rural operating** statement.

The charges for power supplied by the Commission to the various municipalities vary with the amounts of power used, the distances from the sources of supply and other factors. The entire capital cost of the various power developments and transmission systems is annually allocated to the connected municipalities and other wholesale power consumers, according to the relative use made of the lines and equipment. Each municipality assumes responsibility for that portion of property employed in providing and transmitting power for its use, together with such expenses—including the cost of purchased power if any—as are incidental to the provision and delivery of its wholesale power. The annual expenses and the appropriations for reserves are provided out of revenues collected in respect of such power, through the medium of power bills rendered by the Commission. The municipalities are billed at an estimated interim rate each month during the year and credit or debit adjustment is made at the end of the year,* when the Commission's books are closed and the actual cost payable by each municipality for power taken has been determined.

Included in the municipality's remittance to the Commission for the wholesale cost of power—besides such current expenses as those for operation and maintenance of plant, for administration, and for interest on capital—are sums required to build up reserves for sinking fund, for renewals, for contingencies and obsolescence, and for stabilization of rates. The first-mentioned reserve, namely, sinking fund, is being created on a 40-year basis for the purpose of liquidating capital liabilities. The other reserves are, respectively, being created to provide funds for the replacing or rebuilding of plant as it wears out; to enable the undertaking to replace existing equipment with improved equipment as it become available through advances in science and invention, and to meet unforeseen expenses which from time to time may arise; and to prevent rates from fluctuating unduly.

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*The financial year for the Commission ends on October 31. The financial year for the municipal electric utilities however, ends on December 31, and the municipal accounts are made up to this date, and so recorded in Section X.

The ultimate source of all revenue to meet costs—whether for the larger operations of The Hydro-Electric Power Commission or for the smaller local operations of the municipalities—is, of course, the consumer. Out of the total revenue collected by each municipal utility from its consumers for service supplied, only an amount sufficient to pay the wholesale cost of power supplied by the Commission as outlined above is remitted to the Commission; the balance of municipal electrical revenue is retained to pay for the expense incurred by the local utility in distributing the electrical energy to its consumers.

## Tabular Data

The following comments relate to the tabular data presented:

**Balance Sheet.**—The first tabular statement given in Section IX is a balance sheet showing the assets, and the liabilities of the several co-operative systems.

**Statement of Operation and Cost Distributions.**—This statement is a summary of operating expenses and fixed charges as shown in the "cost of power" tables relating to the individual systems as referred to more particularly below.

**Fixed Assets.**—Details are given concerning the various fixed assets of each system and of the miscellaneous properties, whilst similar details are shown of the capital expenditures for the year ended October 31, 1942.

**Capital Expenditures and Grants—Rural Power Districts.**—This schedule gives summary information respecting the total capital expenditures on rural power districts and grants-in-aid of construction paid or payable by the Province with respect to such rural districts.

**Power Accounts Receivable.**—This schedule sets forth the amounts collectable from all classes of power consumers and includes the annual adjustment figures from the "credit or charge" statements for municipalities. The main details of those debit balances three months or more overdue are stated.

**Funded Debt Issued or Assumed.**—This schedule presents a complete list of the securities issued or assumed by the Commission on account of the several systems, and the Northern Ontario Properties. It should be noted that securities issued to finance Northern Ontario Properties are shown only in memorandum form on the balance sheet of the Commission, whilst the direct liability is shown on the balance sheet of the Northern Ontario Properties.

**Renewals Reserves,**
**Contingencies and Obsolescence Reserves, and**
**Stabilization of Rates Reserves.**

These schedules show the provisions made to, the expenditures from, and the balance to the credit of, these reserves for each of the systems and other properties included in the power undertakings operated on a cost basis.

**Sinking Fund Reserves.**—This schedule summarizes the appropriations of principal and interest with respect to these reserves for each of the systems and certain other properties.

**Account with the Provincial Treasurer.**—This schedule lists, both for the Niagara and other systems operated on a cost basis, and for the Northern Ontario Properties which are held and operated by the Commission in trust for the Province, the advances from the Province of Ontario and the repayments which have been applied to reduce this liability. It should be noted that Provincial advances to finance Northern Ontario Properties are shown in memorandum form only on the balance sheet of the Commission as the direct liability is carried on the Northern Ontario Properties' balance sheet.

Following these statements, which are common to all systems, there are given for each of the individual co-operative systems four tabular statements as follows:

**Cost of Power** statement, which shows the apportionment to each municipality of the items of cost summarized in the operating account, as well as the apportionment of fixed assets in service listed in the balance sheet and the amount of power taken by each municipality. It should be noted that the cost of power given in this table is the wholesale cost—that is, the cost which the Commission receives for the power delivered from the main transformer stations serving the local utility. In the case of municipal electrical utilities not directly administered by the Commission, the respective costs of power appear in Statement "B" of Section X as "power purchased".

**Credit or Charge** statement, which shows the adjustments made in order to bring the amounts paid by each municipal electric utility to the actual cost of service.

**Sinking Fund** statement, which gives the accumulated total of the amounts paid by each municipality as part of the cost of power together with its proportionate share of other sinking funds.

**Rural Operating** statement, which summarizes for the rural power districts of the system the various items of cost, and the revenues received, in connection with the distribution of electrical energy to rural consumers.

### Northern Ontario Properties

The statements and schedules respecting these properties which are held and operated by the Commission in trust for the Province of Ontario include the balance sheet, operating and income accounts, schedules of fixed assets, renewals reserves, contingencies and obsolescence reserves, and sinking fund reserves. These schedules are similar in form to the corresponding schedules relating to the co-operative systems.

### The Hamilton Street Railway Company

This is a subsidiary of the Niagara system of the Commission. A balance sheet and operating and income account are presented.

### Municipal Utilities

All municipal "Hydro" utilities have current expenses to meet similar to the expenses of the Commission and have adopted the same financial procedure with respect to their operations. In other words, concurrently with the creation of funds to liquidate their debt to the Commission and to provide the necessary reserves to protect generating, transforming and transmission systems, the municipalities are taking similar action with respect to their local "Hydro" utility systems.

The balance sheets, operating reports and statistical data appearing in Section X, under the heading of "Municipal Accounts", relate to the operation of local distribution systems by individual municipalities which have contracted with the Commission for their supply of electrical energy. To this section there is an explanatory introduction to which the reader is specially referred.

### Auditing of Accounts

The accounts of The Hydro-Electric Power Commission of Ontario are verified by auditors specially appointed by the Provincial Government. The accounts of the "Hydro" utility of each individual municipality are prepared according to approved and standard practice and The Public Utilities Act requires that they shall be audited by the auditors of the municipal corporation.

## THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

# FINANCIAL ACCOUNTS

For the Year Ended October 31, 1942

Relating to Properties operated on a "Cost Basis" for the Co-operating Municipalities and Rural Power Districts which are supplied with Electrical Power and Services from the following Properties:

Niagara System

Georgian Bay System

Eastern Ontario System

Thunder Bay System

Service and Administrative Buildings and Equipment

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## STATEMENTS

Balance Sheet as at October 31, 1942.

Statements of Operations and Cost of Power for the Year ended October 31, 1942.

Schedules supporting the Balance Sheet as at October 31, 1942:

- Fixed Assets—By Systems and Properties
- Capital Expenditures and Grants—Rural Power Districts
- Power Accounts Receivable
- Funded Debt Issued or Assumed
- Renewals Reserves
- Contingencies and Obsolescence Reserves
- Stabilization of Rates Reserves
- Sinking Fund Reserves
- Account with the Provincial Treasurer of the Province of Ontario

Statements for Municipalities Receiving Power under Cost Contracts

## THE HYDRO-ELECTRIC POWER

### BALANCE SHEET AS AT OCTOBER 31, 1942, IN

**Niagara System** **Georgian Bay System**

### ASSETS

| | | | |
|---|---|---|---|
| FIXED ASSETS: | | | |
| Niagara system | | $249,457,493.40 | |
| Georgian Bay system | | 16,910,471.86 | |
| Eastern Ontario system | | 35,749,683.30 | |
| Thunder Bay system | | 20,269,328.34 | |
| Service and administrative buildings and equipment | | 4,440,275.28 | |
| | | $326,827,252.18 | |
| Less: Grants-in-aid of construction: | | | |
| Province of Ontario—for rural power districts | | 19,085,198.62 | |
| | | | $307,742,053.56 |
| INVESTMENTS: | | | |
| The Hamilton Street Railway Company—Capital stock | | $ 3,000,000.00 | |
| Other investments | | 209,577.00 | |
| | | | 3,209,577.00 |
| CURRENT ASSETS: | | | |
| Cash in banks | | $ 2,219,887.57 | |
| Employees' working funds | | 64,904.80 | |
| Sundry accounts receivable | | 970,244.05 | |
| Power accounts receivable | | 4,437,680.65 | |
| Interest accrued | | 585,381.73 | |
| Consumers' and contractors' deposits: | | | |
| Cash deposits | $ 13,852.94 | | |
| Securities—at par value | 667,099.19 | | |
| | | 680,952.13 | |
| Prepayments | | 72,398.67 | |
| | | | 9,031,449.60 |
| INVENTORIES: | | | |
| Construction and maintenance materials and supplies | | $ 2,722,458.39 | |
| Construction and maintenance tools and equipment | | 1,046,688.43 | |
| Office equipment | | 186.371.80 | |
| | | | 3,955,518.62 |
| DEFERRED ASSETS: | | | |
| Agreements and mortgages | | $ 125,653.13 | |
| Rural district loans | | 24,050.78 | |
| Work in progress—deferred work orders | | 191,802.34 | |
| | | | 341,506.25 |
| UNAMORTIZED DISCOUNT ON DEBENTURES | | | 396,064.82 |
| RESERVE FUNDS: | | | |
| Investments—Specific reserves | | $ 47,636.301.59 | |
| Employers' Liability Insurance Fund: | | | |
| Investments | $1,046,420.65 | | |
| Deposits with the Workmen's Compensation Board | 28,631.93 | | |
| | | 1,075,052.58 | |
| Pension Fund, Investments | | 7,015,267.85 | |
| | | | 55,726,622.02 |
| SINKING FUNDS: | | | |
| Deposits in the hands of trustees—including temporary investments | | | 796,773.69 |
| | | | $381,199,565.56 |

## COMMISSION OF ONTARIO

### WHICH THE FOLLOWING PROPERTIES ARE INCLUDED:

**Eastern Ontario System** **Thunder Bay System**

### LIABILITIES AND RESERVES

| | | | |
|---|---|---|---|
| Long Term Liabilities: | | | |
| Funded debt issued or assumed | | $105,774,884.73 | |
| Less—Debentures issued to finance Northern Ontario Properties | | 22,958,000.00 | |
| | | $ 82,816,884.73 | |
| Advances from the Province of Ontario | $130,435,565.39 | | |
| Less—Advances for Northern Ontario Properties | 5,906,960.22 | | |
| | | 124,528,605.17 | |
| Purchase agreements, and mortgages | | 96,080.39 | |
| | | | $207,441,570.29 |
| Current Liabilities: | | | |
| Accounts and payrolls payable | | $ 2,469,859.17 | |
| Power accounts—credit balances | | 77,243.47 | |
| Hamilton Street Railway Company—Current account | | 115,587.86 | |
| Northern Ontario Properties—Current account | | 717,419.66 | |
| Advances from the Province of Ontario for rural loans | | 22,572.42 | |
| Consumers' and contractors' deposits | | 742,438.79 | |
| Debenture interest accrued | | 791,705.98 | |
| Miscellaneous interest accrued | | 3,066.03 | |
| Miscellaneous accruals | | 82,807.10 | |
| Rural power districts grants—not allocated | | 4,716.98 | |
| | | | 5,027,417.46 |
| Rural Power Districts—Rates suspense, net | | | 1,795,609.80 |
| Unamortized Premium on Debentures | | | 6,429.18 |
| Reserves: | | | |
| Renewals | $ 53,503,110.46 | | |
| Contingencies and obsolescence | 21,709,359.78 | | |
| Stabilization of rates | 13,537,874.46 | | |
| Fire insurance | 106,688.28 | | |
| Investment—subsidiary | 571,622.22 | | |
| | | $ 89,428,655.20 | |
| Employers' liability insurance | | 1,229,011.48 | |
| Pension fund | | 7,833,123.66 | |
| Miscellaneous | | 439,125.81 | |
| | | | 98,929,916.15 |
| Sinking Fund Reserves: | | | |
| Represented by: | | | |
| Funded debt retired through sinking funds | | $ 26,619,741.80 | |
| Provincial advances retired through sinking funds | | 40,582,107.19 | |
| Deposits in the hands of trustees—Contra | | 796,773.69 | |
| | | | 67,998,622.68 |
| | | | $381,199,565.56 |

**Auditors' Certificate**

We have examined the Accounts of The Hydro-Electric Power Commission of Ontario for the year ended the 31st October, 1942, and report that, in our opinion, the above Balance Sheet is properly drawn up so as to exhibit a true and correct view of the state of the Commission's affairs at the 31st October, 1942, according to the best of our information and the explanations given to us, and as shown by the books and records of the Commission. We have obtained all the information and explanations we have required.

OSCAR HUDSON & CO.,
Chartered Accountants,
Auditors

Dated at Toronto, Ontario,
22nd April, 1943.

## THE HYDRO-ELECTRIC POWER

### Statement of Operations and Cost of Power for

| System and property | Cost of power purchased | Operating, maintenance and administrative expenses | Interest | Provision for renewals | Provision for contingencies and obsolescence |
|---|---|---|---|---|---|
| NIAGARA SYSTEM: | $ c. | $ c. | $ c. | $ c. | $ c. |
| Municipalities | 6,266,564.05 | 3,135,864.70 | 7,359,661.73 | 1,134,649.91 | 487,237.84 |
| Rural power districts | 374,494.21 | 274,225.98 | 546,872.76 | 103,648.38 | 38,790.01 |
| Companies | 2,995,189.78 | 1,284,687.90 | 2,130,088.16 | 365,382.05 | 5,852,727.55 |
| Local distribution systems | 15,720.68 | 41,705.99 | 30,221.16 | 7,947.88 | 3,674.49 |
| Total | 9,651,968.72 | 4,736,484.57 | 10,066,843.81 | 1,611,628.22 | 6,382,429.89 |
| GEORGIAN BAY SYSTEM: | | | | | |
| Municipalities | ............ | 368,809.10 | 358,990.65 | 101,215.48 | 80,556.76 |
| Rural power districts | 4,129.52 | 84,743.18 | 90,168.26 | 27,082.64 | 19,281.31 |
| Companies | 79,682.77 | 19,311.54 | 20,996.48 | 6,342.66 | 136,890.77 |
| Local distribution systems | ............ | 16,462.81 | 11,002.39 | 4,131.05 | 2,366.80 |
| Total | 83,812.29 | 489,326.63 | 481,157.78 | 138,771.83 | 239,095.64 |
| EASTERN ONTARIO SYSTEM: | | | | | |
| Municipalities | 849,881.12 | 648,081.24 | 619,847.09 | 170,207.57 | 208,386.30 |
| Rural power districts | 98,660.06 | 85,127.73 | 90,565.56 | 28,365.11 | 28,127.50 |
| Companies | 296,040.86 | 198,331.23 | 228,893.58 | 64,767.26 | 231,358.07 |
| Local distribution systems | 2,878.05 | 6,967.06 | 4,256.63 | 1,517.09 | 975.77 |
| Total | 1,247,460.09 | 938,507.26 | 943,562.86 | 264,857.03 | 468,847.64 |
| THUNDER BAY SYSTEM: | | | | | |
| Municipalities | ............ | 108,837.87 | 303,376.88 | 55,358.82 | 60,597.51 |
| Rural power districts | ............ | 2,365.90 | 7,341.51 | 1,494.06 | 1,342.25 |
| Companies | ............ | 174,599.97 | 507,452.16 | 88,226.51 | 113,902.64 |
| Mining Area—Mines | ............ | 52,907.17 | 135,541.69 | 14,324.22 | 103,607.85 |
| Mining Area—Townsites | ............ | 16,607.15 | 12,898.42 | 783.01 | 16,133.53 |
| Total | ............ | 355,318.06 | 966,610.66 | 160,186.62 | 295,583.78 |
| COST OF DISTRIBUTION OF POWER WITHIN R.P.D.'s: | | | | | |
| Niagara system R.P.D. | *1,543,018.46 | 988,460.70 | 552,092.13 | 238,709.15 | ............ |
| Georgian Bay sys. R.P.D. | * 270,508.83 | 201,531.63 | 119,181.42 | 53,743.14 | ............ |
| Eastern Ontario system R.P.D. | * 395,402.20 | 333,888.71 | 180,417.66 | 86,582.02 | ............ |
| ThunderBay sys. R.P.D. | * 14,866.49 | 14,994.87 | 12,110.24 | 4,952.03 | ............ |
| Total | *2,223,795.98 | 1,538,875.91 | 863,801.45 | 383,986.34 | ............ |
| RURAL LINES OPERATED BY MUNICIPALITIES: | | | | | |
| Niagara rural lines | ............ | ............ | 845.80 | 401.17 | 200.59 |
| Georgian Bay rural lines | ............ | ............ | 48 22 | 18.44 | 9.22 |
| Total | ............ | ............ | 894.02 | 419.61 | 209.81 |
| Total for all systems | 13,207,037 08 | 8,058,512.43 | 13,322,870.58 | 2,559,849.65 | 7,386,166.76 |
| R.P.D.'s eliminations | *(2,223,795.98) | | | | |
| Net total for all systems | 10,983,241.10 | 8,058,512.43 | 13,322,870.58 | 2,559,849.65 | 7,386,166.76 |
| GRAND SUMMARY: | | | | | |
| Niagara system | 9,651,968.72 | 5,724,945.27 | 10,619,781.74 | 1,850,738.54 | 6,382.630.48 |
| Georgian Bay system | 83,812.29 | 690,858.26 | 600,387.42 | 192,533.41 | 239,104.86 |
| Eastern Ontario system | 1,247,460.09 | 1,272,395.97 | 1,123,980.52 | 351,439.05 | 468,847.64 |
| Thunder Bay system | ............ | 370,312.93 | 978,720.90 | 165,138.65 | 295,583.78 |
| | 10,983,241.10 | 8,058,512.43 | 13,322,870.58 | 2,559,849.65 | 7,386.166.76 |

**COMMISSION OF ONTARIO**

**Each System for the Year ended October 31, 1942.**

| Provision for stabilization of rates | Provision for sinking fund | Operating balance in respect of power sold to private companies | Total cost | Amount received from (or billed against) municipalities and other customers | Amount remaining to be credited or charged to municipalities | |
|---|---|---|---|---|---|---|
| | | | | | Credited | Charged |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 1,847,200.60 | 1,667,119.56 | (494,136.31) | 21,404,162.08 | 21,802,395.60 | 451,213.93 | 52,980.41 |
| 110,390.00 | 124,127.05 | (29,529.93) | *1,543,018.46 | *1,543,018.46 | .......... | .......... |
| .......... | 479,224.39 | 509,315.05 | 13,616,614.88 | 13,616,614.88 | .......... | .......... |
| .......... | 6,878.27 | 14,351.19 | 120,499.66 | 120,499.66 | .......... | .......... |
| 1,957,590.60 | 2,277,349.27 | .......... | 36,684,295.08 | 37,082,528.60 | 451,213.93 | 52,980.41 |
| 95,646.00 | 88,513.51 | 3,829.61 | 1,097,561.11 | 1,146,028.46 | 54,920.36 | 6,453.01 |
| 22,049.40 | 22,171.68 | 882.84 | * 270,508.83 | * 270,508.83 | .......... | .......... |
| .......... | 5,162.97 | (2,585.58) | 265,801.61 | 265,801.61 | .......... | .......... |
| .......... | 2,705.40 | (2,126.87) | 34,541.58 | 34,541.58 | .......... | .......... |
| 117,695.40 | 118,553.56 | .......... | 1,668,413.13 | 1,716,880.48 | 54,920.36 | 6,453.01 |
| 306,508.80 | 158,697.00 | 14,529.20 | 2,976,138.32 | 3,050,348.50 | 108,313.81 | 34,103.63 |
| 39,542.70 | 23,139.13 | 1,874.41 | * 395,402.20 | * 395,402.20 | .......... | .......... |
| .......... | 57,491.72 | (23,482.86) | 1,053,399.86 | 1,053,399.86 | .......... | .......... |
| .......... | 1,087.55 | 7,079.25 | 24,761.40 | 24,761.40 | .......... | .......... |
| 346,051.50 | 240,415.40 | .......... | 4,449,701.78 | 4,523,911.96 | 108,313.81 | 34,103.63 |
| 47,257.35 | 65,408.85 | (10,206.46) | 630,630.82 | 662,914 06 | 32,283.24 | .......... |
| 946.65 | 1,580.57 | (204.45) | * 14,866.49 | * 14,866.49 | .......... | .......... |
| .......... | 107,768.19 | 10,410.91 | 1,002,360.38 | 1,002,360.38 | .......... | .......... |
| 89,616.01 | 19,834.10 | .......... | 415,831.04 | 415,831.04 | .......... | .......... |
| (585.78) | 1,084.20 | .......... | 46,920.53 | 46,920.53 | .......... | .......... |
| 137,234 23 | 195,675.91 | .......... | 2,110,609.26 | 2,142,892.50 | 32,283.24 | .......... |
| .......... | 126,739.64 | .......... | 3,449,020.08 | 3,626,530.90 | 177,510.82 | .......... |
| .......... | 29,305.81 | .......... | 674,270.83 | 604,965.50 | .......... | 69,305.33 |
| .......... | 46,095.93 | .......... | 1,042,386.52 | 1,067,573.12 | 25,186.60 | .......... |
| .......... | 2,607.24 | .......... | 49,530.87 | 47,424.49 | .......... | 2,106.38 |
| .......... | 204,748.62 | .......... | 5,215,208.30 | 5,346,494.01 | 202,697.42 | 71,411.71 |
| .......... | 361.05 | .......... | 1,808.61 | 1,808.61 | .......... | .......... |
| .......... | 16.60 | .......... | 92.48 | 92.48 | .......... | .......... |
| .......... | 377.65 | .......... | 1,901.09 | 1,901.09 | .......... | .......... |
| 2,558,571.73 | 3,037,120.41 | .......... | 50,130,128.64 | 50,814,608 64 | 849,428.76 | 164,948.76 |
| .......... | .......... | .......... | *(2,223,795.98) | *(2,223,795.98) | .......... | .......... |
| 2,558,571.73 | 3,037,120.41 | .......... | 47,906,332.66 | 48,590,812.66 | 849,428.76 | 164,948.76 |
| 1,957,590.60 | 2,404,449.96 | .......... | 38,592,105.31 | 39,167,849.65 | 628,724.75 | 52,980.41 |
| 117,695.40 | 147,875.97 | .......... | 2,072,267.61 | 2,051,429.63 | 54,920.36 | 75,758.34 |
| 346,051.50 | 286,511.33 | .......... | 5,096,686.10 | 5,196,082.88 | 133,500.41 | 34,103.63 |
| 137,234.23 | 198,283.15 | .......... | 2,145,273.64 | 2,175,450.50 | 32,283.24 | 2,106.38 |
| 2,558,571.73 | 3,037,120.41 | .......... | 47,906,332.66 | 48,590,812.66 | 849,428.76 | 164,948.76 |

## THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

### Fixed Assets—October 31, 1942

### NIAGARA SYSTEM

| Property | Net capital expenditures in the year | Fixed Assets | | | |
|---|---|---|---|---|---|
| | | Under construction | In service | | Total |
| | | | Non-depreciable | Depreciable | |
| | $ c. | $ c. | $ c. | $ c. | $ c. |
| Power Plants: | | | | | |
| Niagara river: | | | | | |
| Queenston-Chippawa | *129,430.27* | 125,278.14 | 47,948,280.54 | 28,879,644.11 | 76,953,202.79 |
| Ontario Power | *19,816.28* | 7,640.63 | 7,281,151.42 | 14,431,328.46 | 21,720,120.51 |
| Toronto Power | *45,394.30* | 6,542.85 | 3,823,491.60 | 7,634,054.18 | 11,464,088.63 |
| Ottawa river: | | | | | |
| Chats Falls | 25,213.35 | 18,743.17 | 818,846.00 | 6,308,672.42 | 7,146,261.59 |
| Des Joachims power site survey | 107,913.67 | 107,913.67 | | | 107,913.67 |
| Welland canal: | | | | | |
| DeCew Falls | 2,124,027.18 | 2,154,789.44 | 8,398,571.92 | 3,347,228.25 | 13,900,589.61 |
| Hamilton steam plant | *502,300.12* | | | | |
| Long Lake diversion | 1,503.31 | | 258,770.30 | 615,982.52 | 874,752.82 |
| Ogoki diversion | 2,517,111.53 | | 3,840,257.38 | | 3,840,257.38 |
| Preliminary river surveys | 38,393.36 | | 858,229.45 | | 858,229.45 |
| | 4,117,221.43 | 2,420,907.90 | 73,227,598.61 | 61,216,909.94 | 136,865,416.45 |
| Transformer stations: | | | | | |
| Southern Ontario stations | 1,075,149.75 | 176,255.09 | 299,446.38 | 32,232,885.34 | 32,708,586.81 |
| Eastern power supply stations | 2,047,137.31 | 1,229,907.18 | | 13,664,998.23 | 14,894,905.41 |
| | 3,122,287.06 | 1,406,162.27 | 299,446.38 | 45,897,883.57 | 47,603,492.22 |
| Transmission lines: | | | | | |
| Southern Ontario: | | | | | |
| Right-of-way | 102,869.27 | | 7,115,841.49 | | 7,115,841.49 |
| Lines | 97,561.99 | 79,983.99 | 15,288.22 | 19,212,209.68 | 19,307,481.89 |
| Eastern power supply: | | | | | |
| Right-of-way | 82,621.96 | | 2,481,462.18 | | 2,481,462.18 |
| Lines | 162,664.19 | | | 11,906,820.20 | 11,906,820.20 |
| | 445,717.41 | 79,983.99 | 9,612,591.89 | 31,119,029.88 | 40,811,605.76 |
| Local Systems: | | | | | |
| Niagara peninsula | *92,141.69* | 4,228.36 | | 215,712.21 | 219,940.57 |
| Sub-total | 7,593,084.21 | 3,911,282.52 | 83,139,636.88 | 138,449,535.60 | 225,500,455.00 |
| Rural Power Districts. | | | | | |
| H-E.P.C. investment | 132,117.93 | 67.00 | 36,304.50 | 11,984,927.93 | 12,021,299.43 |
| Government grants | 125,602.96 | | | 11,915,680.55 | 11,915,680.55 |
| | 257,720.89 | 67.00 | 36,304.50 | 23,900,608.48 | 23,936,979.98 |
| Rural Lines: | | | | | |
| Welland and Milton | | | | 20,058.42 | 20,058.42 |
| | 7,850,805.10 | 3,911,349.52 | 83,175,941.38 | 162,370,202.50 | 249,457,493.40 |

| | Cost statements | Transfers for cost purposes | Fixed assets as above |
|---|---|---|---|
| | $ c. | $ c. | $ c. |
| Cost of Power schedules | 225,439,382.60 | 61,072.40 | 225,500,455.00 |
| Rural Operating schedules | 12,082,371.83 | *61,072.40* | 12,021,299.43 |
| Rural Lines schedules | 20,058.42 | | 20,058.42 |

## THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

### Fixed Assets—October 31, 1942

### GEORGIAN BAY SYSTEM

| Property | Net capital expenditures in the year | Fixed Assets | | | |
|---|---|---|---|---|---|
| | | Under construction | In service | | Total |
| | | | Non-depreciable | Depreciable | |
| | $ c. | $ c. | $ c. | $ c. | $ c. |
| Power Plants: | | | | | |
| Muskoka river (below lake): | | | | | |
| Bala No. 1 and No. 2 | 66.04 | | 70,468.43 | 43,932.77 | 114,401.20 |
| Ragged Rapids | 2,585.77 | | 70,889.49 | 1,253,654.15 | 1,324,543.64 |
| Big Eddy | 184,933.93 | | 170,467.76 | 1,108,623.29 | 1,279,091.05 |
| Lands and water rights: (Ragged Rapids, Big Eddy plants, Sandy Grey and Go Home sites) | | | 47,824.81 | | 47,824.81 |
| Severn river: | | | | | |
| Wasdells | *535.17* | | 15,302.32 | 132,715.92 | 148,018.24 |
| Big Chute | *1,024.42* | | 122,540.48 | 562,201.58 | 684,742.06 |
| Preliminary surveys | | | 4,107.56 | | 4,107.56 |
| Beaver river: | | | | | |
| Eugenia | 39,588.12 | 38,273.20 | 148,980.43 | 1,140,594.08 | 1,327,847.71 |
| Saugeen river: | | | | | |
| Hanover | | | 10,000.00 | | 10,000.00 |
| Walkerton | 4,015.21 | | 100,372.31 | 117,902.32 | 218,274.63 |
| Southampton | | | 132,488.58 | | 132,488.58 |
| Muskoka river (above lake): | | | | | |
| South Falls | *1,912.53* | | 17,934.95 | 436,674.95 | 454,609.90 |
| Trethewey Falls | *352.96* | | 51,549.45 | 305,718.47 | 357,267.92 |
| Hanna Chute | *392.55* | | 34,756 73 | 207,714.10 | 242,470.83 |
| Hollow Lake dam | | | 16,622.32 | 29,540.16 | 46,162.48 |
| Preliminary surveys | | | 14,912.93 | | 14,912.93 |
| Sauble river: | | | | | |
| Lands and rights | *637.67* | | 4,200.00 | | 4,200.00 |
| Gull river: | | | | | |
| Lands and rights | *550.00* | | 5,309.20 | | 5,309.20 |
| | 225,783.77 | 38,273.20 | 1,038,727.75 | 5,339,271.79 | 6,416,272 74 |
| Transformer Stations | 154,420.60 | 6,776.61 | | 2,082,919.16 | 2,089,695 77 |
| Transmission Lines | 53,065.16 | 17.04 | | 2,919,521.23 | 2,919,538 27 |
| Local Systems | 2,901.88 | 1,626.85 | | 106,534.12 | 108,160.97 |
| Sub-total | 436,171.41 | 46,693.70 | 1,038,727.75 | 10,448,246.30 | 11,533,667.75 |
| Rural Power Districts: | | | | | |
| H-E.P.C. investment | 31,712.77 | | | 2,771,837.47 | 2,771,837.47 |
| Government grants | 31,365.56 | | | 2,604,044.62 | 2,604,044.62 |
| | 63,078.33 | | | 5,375,882 09 | 5,375,882.09 |
| Rural Lines: | | | | | |
| Brechin | | | | 922.02 | 922.02 |
| | 499,249.74 | 46,693.70 | 1,038,727 75 | 15,825,050.41 | 16,910,471.86 |

| | Cost statements | Transfers for cost purposes | Fixed assets as above |
|---|---|---|---|
| | $ c. | $ c. | $ c. |
| Cost of Power schedules | 11,514,061.55 | 19,606.20 | 11,533,667.75 |
| Rural Operating schedules | 2,791,443.67 | *19,606.20* | 2,771,837.47 |
| Rural Lines schedules | 922.02 | | 922.02 |

## THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

### Fixed Assets—October 31, 1942

### EASTERN ONTARIO SYSTEM

| Property | Net capital expenditures in the year | Fixed Assets | | | |
|---|---|---|---|---|---|
| | | Under construction | In service | | Total |
| | | | Non-depreciable | Depreciable | |
| Power Plants: | $ c. | $ c. | $ c. | $ c. | $ c. |
| Fenelon river: | | | | | |
| Fenelon Falls | *527.11* | | 60,000.00 | 91,789.11 | 151,789.11 |
| Otonabee river: | | | | | |
| Auburn | *1,194.46* | | 31,400.00 | 290,275.05 | 321,675.05 |
| Douro | | | | 68,478.30 | 68,478.30 |
| Lakefield | *631.65* | | 19,620.05 | 217,929.40 | 237,549.45 |
| Young's Point | *500.00* | | 1,980.81 | 7,813.69 | 9,794.50 |
| Trent river: | | | | | |
| Heely Falls | *3,369.37* | 375.43 | | 1,188,421.26 | 1,188,796.69 |
| Seymour | *888.03* | | | 297,982.79 | 297,982.79 |
| Ranney Falls | *2,599.08* | | | 1,364,146.25 | 1,364,146.25 |
| Ranney Falls No. 3 | | | 18,596.20 | 54,489.18 | 73,085.38 |
| Crow river | | | 1,000.00 | | 1,000.00 |
| Hagues Reach | *1,449.96* | | | 572,852.30 | 572,852.30 |
| Meyersburg | *706.14* | | | 837,955.91 | 837,955.91 |
| Sills Island | 28,352.13 | | 38,679.36 | 283,922.54 | 322,601.90 |
| Frankford | *50.99* | | | 252,723.83 | 252,723.83 |
| Sidney | *490.78* | | | 252,061.08 | 252,061.08 |
| Mississippi river: | | | | | |
| High Falls | 13,789.72 | | 13,113.84 | 705,967.22 | 719,081.06 |
| Carleton Place | | | 9,929.06 | 47,817.10 | 57,746.16 |
| Galetta | | | 20,000.00 | 128,118.21 | 148,118.21 |
| Madawaska river: | | | | | |
| Barrett Chute | 2,272,087.36 | | 673,134.10 | 3,591,604.69 | 4,264,738.79 |
| Calabogie | *851.44* | | 80,825.74 | 676,631.51 | 757,457.25 |
| Bark Lake dam | 842,443.86 | | 494,946.23 | 736,141.51 | 1,231,087.74 |
| Kaminiskeg Lake dam | 1,305.61 | 1,305.61 | | 1,795.46 | 3,101.07 |
| Undeveloped sites | | | 650,000.00 | | 650,000.00 |
| Preliminary river surveys | *7,992.38* | | 124,231.85 | | 124,231.85 |
| Miscellaneous | 13.12 | 13.00 | | 43,298.55 | 43,311.55 |
| Intangible | | | 2,217,761.29 | | 2,217,761.29 |
| | 3,136,740.41 | 1,694.04 | 4,455,218.53 | 11,712,214.94 | 16 169 127.51 |
| Transformer Stations | 234 662.29 | 3 910.65 | 76 296.26 | 4 455 481.86 | 4,535,688.77 |
| Transmission Lines | 176,915.77 | 3,241.72 | 442,208.37 | 5,878,358.81 | 6,323,808.90 |
| Local Systems | 152.03 | | 703.00 | 31,183.67 | 31,886.67 |
| Sub-total | 3,548,470.50 | 8,846.41 | 4,974,426.16 | 22,077,239.28 | 27,060,511.85 |
| Rural Power Districts: | | | | | |
| H-E.P.C. investment | 75,414.37 | | | 4,372,455.32 | 4,372.455.32 |
| Government grants | 73,235.58 | | | 4,316,716.13 | 4,316,716.13 |
| | 148,649.95 | | | 8,689,171.45 | 8,689,171.45 |
| | 3,697,120.45 | 8,846.41 | 4,974,426.16 | 30,766,410.73 | 35,749,683.30 |

| | Cost statements | Transfers for cost purposes | Fixed assets as above |
|---|---|---|---|
| | $ c. | $ c. | $ c. |
| Cost of Power schedules | 27,023,080.33 | 37,431.52 | 27,060,511.85 |
| Rural Operating schedules | 4,409,886 84 | *37,431.52* | 4,372,455.32 |

## THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

### Fixed Assets—October 31, 1942

### THUNDER BAY SYSTEM

| Property | Net capital expenditures in the year | Fixed Assets | | | |
|---|---|---|---|---|---|
| | | Under construction | In service | | Total |
| | | | Non-depreciable | Depreciable | |
| Power Plants: | $ c. | $ c. | $ c. | $ c. | $ c. |
| Nipigon river: | | | | | |
| Cameron Falls | *3,126.71* | | 857,418.84 | 9,057,502.53 | 9,914,921.37 |
| Alexander | *1,400.29* | | 76,898.44 | 5,268,262.59 | 5,345,161.03 |
| Virgin Falls dam | | | 55,450.41 | 426,736.74 | 482,187.15 |
| Preliminary Surveys | *30,242.35* | | | | |
| | *34,769.35* | | 989,767.69 | 14,752,501.86 | 15,742,269.55 |
| Transformer Stations | *10,288.22* | | 356,733.98 | 903,023.40 | 1,259,757.38 |
| Transmission Lines | *2,025.47* | | 959,650.42 | 1,722,866.87 | 2,682,517.29 |
| Local Systems | 1,772.85 | | 87,269.47 | | 87,269.47 |
| Sub-total | *45,310.19* | | 2,393,421.56 | 17,378,392.13 | 19,771,813.69 |
| Rural Power Districts: | | | | | |
| H-E.P.C. investments | 5,574.32 | | | 248,757.33 | 248,757.33 |
| Government grants | 5,574.32 | | | 248,757.32 | 248,757.32 |
| | 11,148.64 | | | 497,514.65 | 497,514.65 |
| | *34,161.55* | | 2,393,421.56 | 17,875,906.78 | 20,269,328.34 |

| | Cost statements | Fixed assets (as above) |
|---|---|---|
| | $ c. | $ c. |
| Cost of Power schedules | 19,771,813.69 | 19,771,813.69 |
| Rural Operating schedules | 248,757.33 | 248,757.33 |

## ADMINISTRATIVE AND SERVICE BUILDINGS AND EQUIPMENT

| Property | Net capital expenditures in the year | Fixed Assets | | | |
|---|---|---|---|---|---|
| | | Under construction | In service | | Total |
| | | | Non-depreciable | Depreciable | |
| Administrative Building: | $ c. | $ c. | $ c. | $ c. | $ c. |
| Toronto: | | | | | |
| University avenue | 122,652.55 | | 224,155.48 | 2,677,917.92 | 2,902,073.40 |
| Elm and Centre streets | | | | 160,821.95 | 160,821.95 |
| | 122,652.55 | | 224,155.48 | 2,838,739.87 | 3,062,895.35 |
| Service Buildings and Equipment: | | | | | |
| Toronto: | | | | | |
| Strachan avenue | 10,574.10 | | | 551,984.14 | 551,984.14 |
| 1379 Bloor Street west | *23,003.33* | | | 53,150.71 | 53,150.71 |
| Cobourg | | | | 22,245.08 | 22,245.08 |
| Hamilton | | | 750,000.00 | | 750,000.00 |
| | *12,429.23* | | 750,000.00 | 627,379.93 | 1,377,379.93 |
| | 110,223.32 | | 974,155.48 | 3,466,119.80 | 4,440,275.28 |

## THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

### Fixed Assets—October 31, 1942

### SUMMARY

| System or property | Net capital expenditures in the year | Fixed Assets | | | |
|---|---|---|---|---|---|
| | | Under construction | In service | | Total |
| | | | Non-depreciable | Depreciable | |
| | $ c. | $ c. | $ c. | $ c. | $ c. |
| Niagara system | 7,850,805.10 | 3,911,349.52 | 83,175,941.38 | 162,370,202.50 | 249,457,493.40 |
| Georgian Bay system | 499,249.74 | 46,693.70 | 1,038,727.75 | 15,825,050.41 | 16,910,471.86 |
| Eastern Ontario system | 3,697,120.45 | 8,846.41 | 4,974,426.16 | 30,766,410.73 | 35,749,683.30 |
| Thunder Bay system | *34,161.55* | ............ | 2,393,421.56 | 17,875,906.78 | 20,269,328.34 |
| Service and administrative buildings and equipment | 110,223.32 | ............ | 974,155.48 | 3,466,119.80 | 4,440,275.28 |
| | 12,123,237.06 | 3,966,889.63 | 92,556,672.33 | 230,303.690,22 | 326,827,252.18 |
| Less: Grants in aid of construction: Province of Ontario for rural power districts | 235,778.42 | ............ | .............. | 19,085,198.62 | 19,085,198.62 |
| | 11,887,458.64 | 3,966,889.63 | 92,556,672.33 | 211,218,491.60 | 307,742,053.56 |

## THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

## CAPITAL EXPENDITURES AND GRANTS—RURAL POWER DISTRICTS

### Summary at October 31, 1942

**Statement showing the Total Capital Expenditures to October 31, 1942, on the construction of Primary and Secondary lines in Rural Power Districts; the portion thereof in course of construction, and the investment in lines in operation; also the amounts of the Grants (fifty per cent of both Primary and Secondary lines) paid or payable to the Commission by the Province of Ontario up to October 31, 1942.**

| System | Total capital expenditure | In course of construction | In operation | Grants (50% of Primaryand Secondary lines) paid or payable by the Province as authorized by Orders-in-Council* |
|---|---|---|---|---|
| | $ c. | $ c. | $ c. | $ c. |
| Niagara system | 23,936,979.98 | 67.00 | 23,936,912.98 | 11,915,680.55 |
| Georgian Bay system | 5,375,882.09 | ............ | 5,375,882.09 | 2,604,044.62 |
| Eastern Ontario system | 8,689,171.45 | ............ | 8,689,171.45 | 4,316,716.13 |
| Thunder Bay system | 497,514.65 | ............ | 497,514.65 | 248,757.32 |
| Sub-total | 38,499,548.17 | 67.00 | 38,499,481.17 | 19,085,198.62 |
| Northern Ontario Properties | 796,446.51 | ............ | 796,446.51 | 395,192.50 |
| Totals | 39,295,994.68 | 67.00 | 39,295,927.68 | 19,480,391.12 |

*Grants not made by Province in respect of a summer resort, street lighting systems in 71 districts, service buildings in 8 districts, amounts paid for business already established (hereinafter called Intangible Assets) in 11 rural distribution systems purchased from private companies and transformer station in 1 district.

NOTE:

| | | |
|---|---|---|
| The Grants paid over by the Province to the Commission up to October 31, 1942 on account of authorized grants to rural power districts—amount to | $19,485,108.10 | |
| The Grants payable by the Province—as above set out—in respect of rural power districts as at October 31, 1942, amount in the aggregate to | 19,480,391.12 | |
| A balance of | | $ 4,716.98 |

Which balance represents:

| | |
|---|---|
| Grant funds in the hands of the Commission at October 31, 1942, not allocated, but to apply against the construction of authorized rural power districts and extension to existing districts | $ 4,716.98 |

## THE HYDRO-ELECTRIC POWER

### Power Accounts Receivable

| System or property | Interim power bills | Accumulated amount standing as a charge or credit on October 31, 1942 | | Net total for wholesale consumers |
|---|---|---|---|---|
| | | Charge | Credit | |
| | $ c. | $ c. | $ c. | $ c. |
| NIAGARA SYSTEM: | | | | |
| Municipalities | 1,947,435.07 | 57,152.07 | 451,213.93 | 1,553,373.21 |
| Companies | 1,113,839.15 | | | 1,113,839.15 |
| Local and rural | | | | |
| | 3,061,274.22 | 57,152.07 | 451,213.93 | 2,667,212.36 |
| GEORGIAN BAY SYSTEM: | | | | |
| Municipalities | 153,809.78 | 6,453.01 | 54,920.36 | 105,342.43 |
| Companies | 22,899.74 | | | 22,899.74 |
| Local and rural | | | | |
| | 176,709.52 | 6,453.01 | 54,920.36 | 128,242.17 |
| EASTERN ONTARIO SYSTEM: | | | | |
| Municipalities | 326,596.93 | 34,103.63 | 108,313.81 | 252,386.75 |
| Companies | 104,037.45 | | | 104,037.45 |
| Local and rural | | | | |
| | 430,634.38 | 34,103.63 | 108,313.81 | 356,424.20 |
| THUNDER BAY SYSTEM: | | | | |
| Municipalities | 25,163.14 | | 32,283.24 | (7,120.10) |
| Companies | 67,824.23 | | | 67,824.23 |
| Local and rural | | | | |
| | 92,987.37 | | 32,283.24 | 60,704.13 |
| Grand totals | 3,761,605.49 | 97,708.71 | 646,731.34 | 3,212,582.86 |

**COMMISSION OF ONTARIO**

**—October 31, 1942**

| Retail power consumers—local and rural districts | Net total of power accounts receivable | Debit balances | Credit balances | Debit balances three months or more overdue |
|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. |
| | 1,553,373.21 | 1,579,226.42 | 25,853.21 | 4,171.66 |
| | 1,113,839.15 | 1,113,839.15 | | |
| 706,824.96 | 706,824.96 | 706,824.96 | | 7,459.41 |
| 706,824.96 | 3,374,037.32 | 3,399,890.53 | 25,853.21 | 11,631.07 |
| | 105,342.43 | 108,017.66 | 2,675.23 | |
| | 22,899.74 | 22,899.74 | | |
| 169,592.38 | 169,592.38 | 169,592.38 | | 8,206.77 |
| 169,592.38 | 297,834.55 | 300,509.78 | 2,675.23 | 8,206.77 |
| | 252,386.75 | 256,021.98 | 3,635.23 | |
| | 104,037.45 | 104,037.45 | | 104.53 |
| 258,963.33 | 258,963.33 | 258,963.33 | | 12,081.13 |
| 258,963.33 | 615,387.53 | 619,022.76 | 3,635.23 | 12,185.66 |
| | (7,120.10) | 37,959.70 | 45,079.80 | |
| | 67,824.23 | 67,824.23 | | |
| 12,473.65 | 12,473.65 | 12,473.65 | | 1,609.12 |
| 12,473.65 | 73,177.78 | 118,257.58 | 45,079.80 | 1,609.12 |
| 1,147,854.32 | 4,360,437.18 | 4,437,680.65 | 77,243.47 | 33,632.62 |

## THE HYDRO-ELECTRIC POWER

### Funded Debt Issued or

| Description | Application of proceeds | Date of issue |
|---|---|---|
| 3½% H-E.P.C. debentures | Refunding D.P. & T. and E.D. Companies | Jan. 1, 1935 |
| 5% Ontario Power Company bonds | Ontario Power Company | Feb. 1, 1903 |
| 2½% H-E.P.C. serial debentures | Refunding H-E.P.C. 1941 debentures and financing plant extensions | Feb. 15, 1941 |
| 2½% and 3% H-E.P.C. serial debentures | Refunding H-E.P.C. 1941 and 1942 debentures | May 1, 1942 |
| 2½% and 3% H-E.P.C. serial debentures | Refunding Province of Ont. advances | Aug. 1, 1942 |
| 2½% H-E.P.C. debentures | Refunding Province of Ont. advances, etc. | June 15, 1935 |
| 5% Ontario Transmission Co. bonds | Ontario Transmission Co. | May 1, 1905 |
| 3% H-E.P.C. debentures | Financing plant extensions | Aug. 1, 1938 |
| 3¼% " " | Refunding Toronto Power Co. | Feb. 1, 1938 |
| 4% " " | Ontario Power Company | Aug. 1, 1917 |
| 4% " " | Essex system | June 1, 1918 |
| 4% " " | Thorold system | Dec. 1, 1918 |
| 4¾% " " | Dominion Power & Transmission Company | Jan. 1, 1930 |
| Municipal debentures assumed | | |
| Funded debt as shown on the Balance Sheet of The Hydro-Electric Power Commission of Ontario | | |
| NORTHERN ONTARIO PROPERTIES: | | |
| 2½% H-E.P.C. debentures | Refunding Ontario Power Service Corp'n. | April 1, 1937 |
| 2½% " serial debentures | Refunding H-E.P.C. 1941 debentures | Feb. 15, 1941 |
| 2½% and 3% H-E.P.C. serial debentures | Refunding H-E.P.C. 1942 debentures | May 1, 1942 |
| 2½% and 3% H-E.P.C. serial debentures | Refunding Province of Ontario advances | Aug. 1, 1942 |
| 3½% H-E.P.C. debentures | Refunding Ontario Power Service Corp'n and financing plant extensions | April 1, 1937 |
| 3% " " | Financing plant extensions | Aug. 1, 1938 |
| Funded debt relating to all properties vested in, or operated by, the Commission | | |

**COMMISSION OF ONTARIO**

**Assumed—October 31, 1942**

| Date of maturity | Matured and/or paid during year | Principal outstanding October 31, 1942 | Interest for the year 1941-1942 | Interest accrued October 31, 1942 |
|---|---|---|---|---|
| | $ c. | $ c. | $ c. | $ c. |
| Jan 1, 1943 | .................. | 10,000,000.00 | 350,000.00 | 116,666.66 |
| Feb. 1, 1943 | .................. | 7,404,000.00 | 370,175.00 | 92,550.00 |
| Feb. 15, 1943-1949 | 1,500,000.00 | 10,500,000.00 | 273,437.50 | 54,687.50 |
| May 1, 1943-1952 | .................. | 2,500,000.00 | 33,125.00 | .................. |
| Aug. 1, 1943-1947 | .................. | 4,427,000.00 | 29,882.25 | 29,882.25 |
| June 15, 1944 | .................. | 10,000,000.00 | 250,000.00 | 93,750.00 |
| May 1, 1945 | 50,000.00 | 1,081,000.00 | 54,700.00 | .................. |
| Aug. 1, 1948 | .................. | 7,740,000.00 | 232,200.00 | 58,050.00 |
| Feb. 1, 1953 | .................. | 9,000,000.00 | 292,500.00 | 73,125.00 |
| Aug. 1, 1957 | .................. | 8,000,000.00 | 320,000.00 | 80,000.00 |
| June 1, 1958 | .................. | 200,000.00 | 8,000.00 | 3,333.34 |
| Dec. 1, 1958 | .................. | 100,000.00 | 4,000.00 | 1,666.67 |
| Jan. 1, 1970 | .................. | 11,864,000.00 | 563,540.00 | 187,847.89 |
| | 1,550,000.00 | 82,816,000.00 | 2,781,559.75 | 791,559.31 |
| .............. | 399.02 | 884.73 | 440.00 | 146.67 |
| .............. | 1,550,399.02 | 82,816,884.73 | 2,781,999.75 | 791,705.98 |
| April 1, 1942 | 11,000,000.00 | .................. | 114,583.34 | .................. |
| Feb. 15, 1943-1949 | 375,000.00 | 2,625,000.00 | 68,359.37 | 13,671.87 |
| May 1, 1943-1952 | .................. | 7,500,000.00 | 99,375.00 | .................. |
| Aug. 1, 1943-1947 | .................. | 73,000.00 | 492.75 | 492.75 |
| April 1, 1947 | .................. | 8,000,000.00 | 280,000.00 | 23,333.33 |
| Aug. 1, 1948 | .................. | 4,760,000.00 | 142,800.00 | 35,700.00 |
| | 11,375,000.00 | 22,958,000.00 | 705,610.46 | 73,197.95 |
| .............. | 12,925,399.02 | 105,774,884.73 | 3,487,610.21 | 864,903.93 |

## THE HYRO-ELECTRIC POWER

### Renewals Reserves

| | Niagara system | Georgian Bay system |
|---|---|---|
| | $ c. | $ c. |
| Balances at November 1, 1941 | 36,830,605.99 | 2,820,250.04 |
| Transferred during the year | ........ | ........ |
| Provision in the year—direct | 1,850,738.54 | 192,533.41 |
| indirect | ........ | ........ |
| Interest at 4% on reserves' balances | 1,473,224.24 | 112,810.00 |
| Adjustments re transfer of equipment | (128,988.86) | (80,593.32) |
| Sub-total | 40,025,579.91 | 3,045,000.13 |
| Expenditures for the year | 352,113.72 | 164,481.84 |
| Balances at October 31, 1942 | 39,673,466.19 | 2,880,518.29 |
| Account balances: | | |
| Power plants, transmission lines and transformer stations | 35,032,618.26 | 2,324,375.92 |
| Rural power districts | 4,631,076.77 | 555,705.35 |
| Rural lines | 9,771.16 | 437.02 |
| Administrative office buildings | ........... | ........... |
| Service buildings and equipment | ........... | ........... |
| | 39,673,466.19 | 2,880,518.29 |

## THE HYDRO-ELECTRIC POWER

### Contingencies and Obsolescence

| | Niagara system | Georgian Bay system |
|---|---|---|
| | $ c. | $ c. |
| Balances at November 1, 1941 | 9,535,346.57 | 773,426.96 |
| Add: | | |
| Hamilton Street Railway— | | |
| Interest on Commission's investment in capital stock for the years 1933, 1935 and 1936 plus improvement thereon | 530,960.71 | ........... |
| | 10,066,307.28 | 773,426.96 |
| Transferred during the year | 116,219.81 | 81,666.97 |
| Provision in the year as per cost statement | 6,382,630.48 | 239,104.86 |
| Interest at 4% on reserves' balances | 381,413.86 | 30,937.08 |
| Sub-total | 16,946,571.43 | 1,125,135.87 |
| Contingencies met with during the year | 1,041,019.76 | 128,584.43 |
| Terminal building, Hamilton | 28,512.97 | ........... |
| Balances at October 31, 1942 | 15,877,038.70 | 996,551.44 |
| Account balances: | | |
| Power plants, transmission lines, transformer stations and rural power districts | 15,872,313.78 | 996,363.83 |
| Rural lines | 4,724.92 | 187.61 |
| | 15,877,038.70 | 996,551.44 |

## COMMISSION OF ONTARIO

**—October 31, 1942**

| Eastern Ontario system | Thunder Bay system | Service and administrative buildings and equipment | Totals for power undertakings operated on a "cost basis" |
|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. |
| 6,118,634.73 | 3,289,459.31 | 662,849.19 | 49,721,799.26 |
| 6,000.00 | ............ | ............ | 6,000.00 |
| 351,439.05 | 165,138.65 | ............ | 2,559,849.65 |
| ............ | ............ | 21,146.41 | 21,146.41 |
| 244,745.39 | 131,578.37 | 16,326.01 | 1,978,684.01 |
| 770.44 | ............ | ............ | (208,811.74) |
| 6,721,589.61 | 3,586,176.33 | 700,321.61 | 54,078,667.59 |
| 53,979.06 | 1,202.98 | 3,779.53 | 575,557.13 |
| 6,667,610.55 | 3,584,973.35 | 696,542.08 | 53,503,110.46 |
| 5,543,083.50 | 3,550,679.87 | ............ | 46,450,757.55 |
| 1,124,527.05 | 34,293.48 | ............ | 6,345,602.65 |
| ............ | ............ | ............ | 10,208.18 |
| ............ | ............ | 246,474.18 | 246,474.18 |
| ............ | ............ | 450,067.90 | 450,067.90 |
| 6,667,610.55 | 3,584,973.35 | 696,542.08 | 53,503,110.46 |

## COMMISSION OF ONTARIO

**Reserves—October 31, 1942**

| Eastern Ontario system | Thunder Bay system | Totals for power undertakings operated on a "cost basis" |
|---|---|---|
| $ c. | $ c. | $ c. |
| 1,896,884.49 | 2,064,679.62 | 14,270,337.64 |
| ............ | ............ | 530,960.71 |
| 1,896,884.49 | 2,064,679.62 | 14,801,298.35 |
| 4,311.08 | ............ | 202,197.86 |
| 468,847.64 | 295,583.78 | 7,386,166.76 |
| 75,875.38 | 82,587.19 | 570,813.51 |
| 2,445,918.59 | 2,442,850.59 | 22,960,476.48 |
| 42,511.74 | 10,487.80 | 1,222,603.73 |
| ............ | ............ | 28,512.97 |
| 2,403,406.85 | 2,432,362.79 | 21,709,359.78 |
| 2,403,406.85 | 2,432,362.79 | 21,704,447.25 |
| ............ | ............ | 4,912.53 |
| 2,403,406.85 | 2,432,362.79 | 21,709,359.78 |

## THE HYDRO-ELECTRIC POWER

### Stabilization of Rates Reserves

| | Niagara system | Georgian Bay system |
|---|---|---|
| | $ c. | $ c. |
| Balances at November 1, 1941 | 8,056,468.99 | 587,427.28 |
| Appropriations in the year as per cost statement | 1,957,590.60 | 117,695.40 |
| Interest at 4% on reserves' balances | 322,258.76 | 23,497.09 |
| | 10,336,318.35 | 728,619.77 |
| Account balances: | | |
| Systems | 10,336,318.35 | 728,619.77 |

## THE HYDRO-ELECTRIC POWER

### Sinking Fund Reserves

| | Niagara system | Georgian Bay system |
|---|---|---|
| | $ c. | $ c. |
| Balances at November 1, 1941 | 53,217,540.66 | 2,221,888.34 |
| Provision in the year—direct | 2,404,449.96 | 147,875.97 |
| indirect | ........... | ........... |
| Interest at 4% on reserves' balances | 2,128,701.63 | 88,875.53 |
| Balances at October 31, 1942 | 57,750,692.25 | 2,458,639.84 |
| Account balances: | | |
| Systems | 56,143,863.45 | 2,229,570.67 |
| Rural power districts | 1,587,589.21 | 228,461.10 |
| Rural lines | 19,239.59 | 608.07 |
| Administrative office buildings | ........... | ........... |
| Service buildings and equipment | ........... | ........... |
| | 57,750,692.25 | 2,458,639.84 |

### COMISSION OF ONTARIO

**—October 31, 1942**

| Eastern Ontario system | Thunder Bay | | Total for power undertakings operated on a "cost basis" |
|---|---|---|---|
| | System | Mining area | |
| $ c. | $ c. | $ c. | $ c. |
| 1,408,527.49 | 294,946.86 | 209,651.24 | 10,557,021.86 |
| 346,051.50 | 48,204.00 | 89,030.23 | 2,558,571.73 |
| 56,341.10 | 11,797.87 | 8,386.05 | 422,280.87 |
| 1,810,920.09 | 354,948.73 | 307,067.52 | 13,537,874.46 |
| 1,810,920.09 | 354,948.73 | 307,067.52 | 13,537,874.46 |

### COMMISSION OF ONTARIO

**—October 31, 1942**

| Eastern Ontario system | Thunder Bay system | Service and administrative buildings and equipment | Totals for power undertakings operated on a "cost basis" |
|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. |
| 3,358,358.39 | 3,033,723.94 | 593,874.67 | 62,425,386.00 |
| 286,511.33 | 198,283.15 | ............ | 3,037,120.41 |
| ............ | ............ | 39,100.83 | 39,100.83 |
| 134,334.33 | 121,348.96 | 23,754.99 | 2,497,015.44 |
| 3,779,204.05 | 3,353,356.05 | 656,730.49 | 67,998,622.68 |
| 3,374,396.21 | 3,339,678.22 | ............ | 65,087,508.55 |
| 404,807.84 | 13,677.83 | ............ | 2,234,535.98 |
| ............ | ............ | ............ | 19,847.66 |
| ............ | ............ | 420,865.77 | 420,865.77 |
| ............ | ............ | 235,864.72 | 235,864.72 |
| 3,779,204.05 | 3,353,356.05 | 656,730.49 | 67,998,622.68 |

## THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

### Account with

### The Provincial Treasurer of the Province of Ontario

### As at October 31, 1942

## ADVANCES FROM THE PROVINCE OF ONTARIO

| | Total | Northern Ontario Properties operated for the Province of Ontario | Niagara and other systems operated on a "cost basis" |
|---|---|---|---|
| | $ c. | $ c. | $ c. |
| ADVANCES FOR CAPITAL EXPENDITURES: | | | |
| Cash advances made by the Province to the Commission for capital expenditures purposes during the years 1909 to 1934, inclusive. | 207,250,258.34 | 8,331,113.46 | 198,919,144.88 |
| Cash returned by the Commission to the Province on April 30, 1935, to cover the difference between advances made by the Province to the Commission during the year ended October 31, 1934, and the capital expenditures made out of such advances by the Commission in that year. | 247,507.98 | 74,001.99 | 173,505.99 |
| Total advances for capital expenditures. | 207,002,750.36 | 8,257,111.47 | 198,745,638.89 |
| REPAYMENTS OF ADVANCES—1926 TO 1933: | | | |
| Cash repayments made by the Commission to the Province during the years 1926 to 1933 inclusive, which have been applied in each subsequent year to reduce the Commission's share in maturing Provincial obligations. | 17,008,616.73 | 3,061.39 | 17,005,555.34 |
| Commission's share in Provincial Bonds at October 31, 1934. | 189,994,133.63 | 8,254,050.08 | 181,740,083.55 |
| REPAYMENTS OF ADVANCES: | | | |
| Retirements of Commission's share of Provincial bonds matured in the period November 1, 1934, to October 31, 1942: | | | |
| In year ended Oct. 31, 1935...$ 3,946,628.69 | | | |
| " " " " 1936... 21,998,092.45 | | | |
| " " " " 1937... 13,557,615.63 | | | |
| " " " " 1938... 1,777,019.93 | | | |
| " " " " 1939... 2,151,516.02 | | | |
| " " " " 1940... 1,756,175.77 | | | |
| " " " " 1941... 7,739,894.75 | | | |
| " " " " 1942... 6,631,625.00 | 59,558,568.24 | 2,347,089.86 | 57,211,478.38 |
| Commission's share in Provincial Bonds at October 31, 1942. | 130,435,565.39 | 5,906,960.22 | 124,528,605.17 |

# THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

## STATEMENTS FOR MUNICIPALITIES

## RECEIVING POWER UNDER COST CONTRACTS

For the Year ended October 31, 1942

### STATEMENTS FOR EACH SYSTEM

| | |
|---|---|
| Cost of Power | Credit or Charge |
| Sinking Fund | Rural Operating |

## NIAGARA

**Statement showing the amount chargeable (upon annual adjustment) to each it by the Commission; the amount received by the Commission or charged to each Municipality in respect of power**

| Municipality | Interim rates per horsepower collected by Commission during year | | Share of capital cost of system | Average horse-power supplied in year after correction for power factor | Share of operating | | |
|---|---|---|---|---|---|---|---|
| | To Dec. 31, 1941 | From Jan. 1, 1942 | | | Cost of power purchased | Operating maintenance and administrative expenses | Interest |
| | $ c. | $ c. | $ c. | | $ c. | $ c. | $ c. |
| Acton | 28.50 | 28.50 | 319,835.56 | 1,537.9 | 10,434.55 | 6,932.32 | 14,475.45 |
| Agincourt | 35.50 | 32.00 | 41,473.56 | 197.0 | 1,336.63 | 940.97 | 1,854.60 |
| Ailsa Craig | 44.00 | 40.00 | 34,650.01 | 126.0 | 854.90 | 958.41 | 1,561.54 |
| Alvinston | 63.00 | 52.00 | 33,097.15 | 100.2 | 679.85 | 1,233.05 | 1,475.34 |
| Amherstburg | 33.50 | 32.00 | 221,087.10 | 914.1 | 6,202.11 | 4,555.37 | 10,013.94 |
| Ancaster Township | 27.50 | 27.50 | 69,231.66 | 357.5 | 2,425.61 | 1,665.83 | 3,117.02 |
| Arkona | 65.00 | 52.00 | 24,144.84 | 62.5 | 424.06 | 858.18 | 1,100.75 |
| Aylmer | 30.50 | 30.00 | 176,137.70 | 829.2 | 5,626.06 | 4,708.38 | 8,151.13 |
| Ayr | 29.50 | 29.50 | 48,979.64 | 212.4 | 1,441.12 | 1,535.87 | 2,263.92 |
| Baden | 28.50 | 28.50 | 105,178.45 | 518.8 | 3,520.02 | 2,413.62 | 4,784.65 |
| Beachville | 28.50 | 28.50 | 137,827.28 | 657.4 | 4,460.41 | 2,960.95 | 6,161.05 |
| Beamsville | 26.00 | 26.00 | 72,246.02 | 408.0 | 2,768.25 | 1,497.19 | 3,280.86 |
| Belle River | 34.50 | 32.50 | 42,700.46 | 178.4 | 1,210.43 | 1,072.92 | 1,930.19 |
| Blenheim | 34.50 | 32.50 | 115,557.45 | 514.3 | 3,489.49 | 3,384.63 | 5,229.72 |
| Blyth | 44.00 | 42.00 | 39,780.51 | 130.8 | 887.47 | 1,130.19 | 1,803.78 |
| Bolton | 38.50 | 35.00 | 46,346.04 | 189.8 | 1,287.78 | 1,062.30 | 2,098.45 |
| Bothwell | 42.50 | 38.00 | 33,290.80 | 133.2 | 903.75 | 1,173.03 | 1,494.99 |
| Brampton | 27.00 | 26.00 | 520,721.20 | 2,862.7 | 19,423.22 | 11,296.36 | 23,581.87 |
| Brantford | 23.50 | 23.50 | 3,517,229.49 | 19,726.6 | 133,843.62 | 68,815.24 | 160,442.02 |
| Brantford twp | 27.50 | 27.50 | 180,427.84 | 1,009.8 | 6,851.42 | 7,326.98 | 8,225.75 |
| Bridgeport | 31.50 | 31.50 | 33,752.33 | 147.1 | 998.06 | 725.89 | 1,535.01 |
| Brigden | 55.00 | 48.00 | 27,675.37 | 84.9 | 576.04 | 932.87 | 1,245.24 |
| Brussels | 44.00 | 42.00 | 42,131.13 | 143.7 | 974.99 | 1,206.13 | 1,908.79 |
| Burford | 30.50 | 30.50 | 47,516.46 | 227.6 | 1,544.25 | 1,269.38 | 2,155.24 |
| Burgessville | 48.00 | 48.00 | 13,277.07 | 44.1 | 299.22 | 436.46 | 605.83 |
| Caledonia | 27.50 | 27.50 | 75,941.00 | 372.0 | 2,523.99 | 1,645.82 | 3,437.18 |
| Campbellville | 50.00 | 50.00 | 12,418.51 | 36.8 | 249.69 | 508.77 | 565.54 |
| Cayuga | 42.00 | 39.00 | 39,567.49 | 130.9 | 888.15 | 890.27 | 1,781.35 |
| Chatham | 26.50 | 26.50 | 1,267,772.19 | 6,568.0 | 44,563.43 | 28,200.47 | 57,631.28 |
| Chippawa | 21.50 | 21.50 | 46,588.60 | 329.8 | 2,237.67 | 1,036.90 | 2,101.65 |
| Clifford | 50.00 | 46.00 | 33,506.64 | 99.5 | 675.10 | 1,319.11 | 1,519.47 |
| Clinton | 33.50 | 32.50 | 150,152.25 | 643.1 | 4,363.39 | 4,220.44 | 6,820.49 |
| Comber | 41.50 | 40 00 | 37,725.24 | 136.4 | 925.46 | 1,092.35 | 1,711.14 |
| Cottam | 40.50 | 38.00 | 22,044.22 | 80.4 | 545.51 | 553.00 | 995.03 |
| Courtright | 60.00 | 52.00 | 18,353.33 | 47.6 | 322.96 | 561.65 | 826.65 |
| Dashwood | 42.00 | 38.00 | 25,179.61 | 90.4 | 613.36 | 780.29 | 1,137.48 |
| Delaware | 34.00 | 31.00 | 14,470.03 | 69.9 | 474.27 | 431.95 | 650.54 |
| Delhi | 33.00 | 31.00 | 125,513.35 | 543.1 | 3,684.90 | 2,911.40 | 5,685.22 |
| Dorchester | 36.00 | 33.00 | 24,845.61 | 102.4 | 694.78 | 676.77 | 1,122.94 |
| Drayton | 50.00 | 48.00 | 47,877.36 | 127.7 | 866.44 | 1,662.30 | 2,158.24 |

**SYSTEM** *N—COST OF POWER*

**Municipality as the Cost—under Power Commission Act—of Power supplied to from each Municipality, and the amount remaining to be credited supplied to it in the year ended October 31, 1942**

| costs and fixed charges | | | | Revenue received in excess of cost of power sold to private companies | Amount charged to each municipality in respect of power supplied to it in the year | Amount received from (or billed against) each municipality by the Commission | Amount remaining to be credited or charged to each municipality Credited (Charged) |
|---|---|---|---|---|---|---|---|
| Provision for renewals | Provision for contingencies and obsolescence | Provision for stabilization of rates | Provision for sinking fund | Credit | | | |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 2,681.00 | 1,021.53 | 3,075.80 | 3,294.82 | 822.79 | 41,092.68 | 43,829.85 | 2,737.17 |
| 338.84 | 125.36 | 394.00 | 429.26 | 105.40 | 5,314.26 | 6,422.65 | 1,108.39 |
| 347.19 | 110.40 | 252.00 | 360.13 | 67.41 | 4,377.16 | 5,134.13 | 756.97 |
| 352.28 | 104.56 | 200.40 | 342.32 | 53.61 | 4,334.19 | 5,408.20 | 1,074.01 |
| 1,988.58 | 740.00 | 1 828.20 | 2,287.31 | 489.05 | 27,126.46 | 29,510.24 | 2,383.78 |
| 544.87 | 213.54 | 715.00 | 709.27 | 191.27 | 9,199.87 | 9,831.71 | 631.84 |
| 277.74 | 74.90 | 125.00 | 254.24 | 33.44 | 3,081.43 | 3,393.75 | 312.32 |
| 1,553.13 | 579.98 | 1,658.40 | 1,856.34 | 443.63 | 23,689.79 | 24,947.06 | 1,257.27 |
| 447.80 | 165.89 | 424.80 | 510.14 | 113.64 | 6,675.90 | 6,266.75 | (409.15) |
| 864.70 | 338.95 | 1,037.60 | 1,087.53 | 277.56 | 13,769.51 | 14,786.55 | 1,017.04 |
| 1,131.75 | 451.43 | 1,314.80 | 1,400.95 | 351.72 | 17,529.62 | 18,735.08 | 1,205.46 |
| 546.02 | 215.60 | 816.00 | 742.02 | 218.28 | 9,647.66 | 10,607.78 | 960.12 |
| 380.96 | 140.85 | 356.80 | 441.39 | 95.45 | 5,438.09 | 5,860.46 | 422.37 |
| 1,008.02 | 376.85 | 1,028.60 | 1,196.09 | 275.16 | 15,438.24 | 16,918.53 | 1,480.29 |
| 414.52 | 125.28 | 261.60 | 413.79 | 69.98 | 4,966.65 | 5,541.95 | 575.30 |
| 421.50 | 138.09 | 379.60 | 480.86 | 101.55 | 5,767.03 | 6,767.62 | 1,000.59 |
| 311.56 | 110.14 | 266.40 | 345.23 | 71.26 | 4,533.84 | 5,181.37 | 647.53 |
| 3,930.62 | 1,566.04 | 5,725.40 | 5,372.49 | 1,531.58 | 69,364.42 | 74,929.10 | 5,564.68 |
| 25,809.73 | 10,918.58 | 39,453.20 | 36,301.33 | 10,553.95 | 465,029.77 | 463,574.57 | (1,455.20) |
| 1,326.92 | 560.83 | 2,019.60 | 1,862.28 | 540.25 | 27,633.53 | 27,769.52 | 135.99 |
| 304.13 | 107.03 | 294.20 | 349.74 | 78.70 | 4,235.36 | 4,633.91 | 398.55 |
| 295.60 | 90.11 | 169.80 | 288.02 | 45.42 | 3,552.26 | 4,176.40 | 624.14 |
| 431.82 | 133.70 | 287.40 | 438.05 | 76.88 | 5,304.00 | 6,088.24 | 784.24 |
| 400.53 | 155.07 | 455.20 | 490.96 | 121.77 | 6,348.86 | 6,940.80 | 591.94 |
| 138.91 | 40.73 | 88.20 | 138.20 | 23.59 | 1,723.96 | 2,116.80 | 392.84 |
| 627.71 | 246.71 | 744.00 | 780.68 | 199.02 | 9,807.07 | 10,231.15 | 424.08 |
| 136.26 | 38.00 | 73.60 | 129.25 | 19.69 | 1,681.42 | 1,840.86 | 159.44 |
| 412.40 | 120.95 | 261.80 | 409.15 | 70.03 | 4,694.04 | 5,181.36 | 487.32 |
| 9,753.43 | 4,039.33 | 13,136.00 | 13,084.91 | 3,513.95 | 166,894.90 | 174,052.36 | 7,157.46 |
| 272.39 | 126.21 | 659.60 | 475.22 | 176.45 | 6,733.19 | 7,089.64 | 356.45 |
| 362.15 | 103.64 | 199.00 | 348.79 | 53.23 | 4,474.03 | 4,649.70 | 175.67 |
| 1,356.55 | 469.09 | 1,286.20 | 1,556.07 | 344.07 | 19,728.16 | 21,013.81 | 1,285.65 |
| 374.33 | 117.41 | 272.80 | 391.05 | 72.98 | 4,811.56 | 5,492.77 | 681.21 |
| 213.68 | 70.02 | 160.80 | 228.41 | 43.01 | 2,723.44 | 3,096.97 | 373.53 |
| 206.19 | 57.12 | 95.20 | 189.88 | 25.47 | 2,234.18 | 2,548.78 | 314.60 |
| 253.89 | 79.23 | 180.80 | 261.74 | 48.36 | 3,258.43 | 3,494.02 | 235.59 |
| 121.04 | 47.05 | 139.80 | 149.54 | 37.40 | 1,976.79 | 2,201.37 | 224.58 |
| 1,134.69 | 400.68 | 1,086.20 | 1,300.81 | 290.56 | 15,913.34 | 17,056.04 | 1,142.70 |
| 232.45 | 79.29 | 204.80 | 257.77 | 54.79 | 3,214.01 | 3,446.51 | 232.50 |
| 531.37 | 151.27 | 255.40 | 494.39 | 68.32 | 6,051.09 | 6,177.80 | 126.71 |

## NIAGARA

**Statement showing the amount chargeable (upon annual adjustment) to each
it by the Commission; the amount received by the Commission
or charged to each Municipality in respect of power**

| Municipality | Interim rates per horsepower collected by Commission during year | | Share of capital cost of system | Average horsepower supplied in year after correction for power factor | Share of operating | | |
|---|---|---|---|---|---|---|---|
| | To Dec. 31, 1941 | From Jan. 1, 1942 | | | Cost of power purchased | Operating maintenance and administrative expenses | Interest |
| | $ c. | $ c. | $ c. | | $ c. | $ c. | $ c. |
| Dresden | 38.00 | 35.00 | 96,927.77 | 398.5 | 2,703.79 | 3,414.08 | 4,380.65 |
| Drumbo | 35.00 | 35.00 | 22,960.02 | 108.1 | 733.45 | 929.73 | 1,051.02 |
| Dublin | 50.00 | 44.00 | 13,192.82 | 41.1 | 278.86 | 514.07 | 596.51 |
| Dundas | 22.50 | 22.50 | 484,346.37 | 2,836.5 | 19,245.46 | 8,708.94 | 21,851.34 |
| Dunnville | 27.50 | 25.00 | 241,665.51 | 1,298.9 | 8,812.94 | 4,698.27 | 10,876.72 |
| Dutton | 33.50 | 32.50 | 57,403.27 | 253.2 | 1,717.94 | 1,685.49 | 2,609.47 |
| East York Twp. | 27.50 | 27.50 | 1,420,771.50 | 7,488.7 | 50,810.31 | 28,094.96 | 64,265.48 |
| Elmira | 30.00 | 29.00 | 203,809.47 | 966.0 | 6,554.24 | 5,262.01 | 9,258.21 |
| Elora | 31.50 | 31.50 | 105,549.19 | 458.6 | 3,111.57 | 2,641.97 | 4,581.06 |
| Embro | 40.00 | 37.00 | 31,643.94 | 124.0 | 841.33 | 853.58 | 1,432.14 |
| Erieau | 48.00 | 48.00 | 34,085.33 | 103.6 | 702.92 | 953.32 | 1,552.19 |
| Erie Beach | 55.00 | 52.00 | 6,076.09 | 16.4 | 111.27 | 290.86 | 276.94 |
| Essex | 31.50 | 31.50 | 132,483.28 | 571.0 | 3,874.20 | 2,744.77 | 5,996.79 |
| Etobicoke Twp. | 23.50 | 23.50 | 1,298,870.38 | 7,043.0 | 47,786.27 | 26,605.97 | 59,250.50 |
| Exeter | 34.50 | 32.00 | 149,531.18 | 633.3 | 4,296.90 | 3,642.51 | 6,774.02 |
| Fergus | 31.50 | 30.50 | 290,442.90 | 1,351.5 | 9,169.83 | 6,349.63 | 13,181.73 |
| Fonthill | 29.50 | 29.50 | 35,257.49 | 174.7 | 1,185.33 | 863.09 | 1,593.55 |
| Forest | 40.00 | 38.00 | 137,038.78 | 519.1 | 3,522.06 | 4,257.80 | 6,265.68 |
| Forest Hill | 25.50 | 24.50 | 1,153,646.44 | 6,692.9 | 45,410.86 | 21,835.01 | 52,277.51 |
| Galt | 24.00 | 24.00 | 1,969,978.53 | 11,175.6 | 75,825.67 | 40,675.48 | 89,754.00 |
| Georgetown | 31.50 | 30.50 | 386,292.61 | 1,731.0 | 11,744.72 | 8,457.70 | 17,549.37 |
| Glencoe | 50.00 | 46.00 | 67,188.39 | 205.7 | 1,395.66 | 2,075.03 | 3,039.25 |
| Goderich | 37.50 | 35.00 | 395,164.20 | 1,512.7 | 10,263.57 | 10,319.85 | 17,905.44 |
| Granton | 45.00 | 40.00 | 19,921.92 | 71.4 | 484.44 | 622.79 | 898.25 |
| Grimsby | ..... | 26.00 | 134,046.02 | 680.0 | 4,613.75 | 3,237.22 | 6,088.62 |
| Guelph | 23.50 | 23.50 | 1,936,826.83 | 11,020.3 | 74,771.97 | 42,788.14 | 88,335.19 |
| Hagersville | 28.50 | 28.50 | 214,196.82 | 956.1 | 6,487.07 | 4,090.85 | 9,708.48 |
| Hamilton | 22.00 | 22.00 | 25,152,579.49 | 152,364.0 | 1,033,779.20 | 449,920.76 | 1,136,315.37 |
| Harriston | 37.50 | 37.50 | 108,212.70 | 413.3 | 2,804.21 | 3,495.60 | 4,923.80 |
| Harrow | 34.50 | 33.50 | 127,374.63 | 508.9 | 3,452.85 | 2,781.44 | 5,789.13 |
| Hensall | 45.50 | 41.00 | 59,614.90 | 194.5 | 1,319.67 | 1,368.97 | 2,687.88 |
| Hespeler | 24.50 | 24.50 | 502,757.22 | 2,863.8 | 19,430.68 | 10,506.62 | 22,876.93 |
| Highgate | 42.50 | 40.00 | 22,913.80 | 86.6 | 587.58 | 719.62 | 1,035.74 |
| Humberstone | 24.50 | 24.50 | 97,029.24 | 531.2 | 3,604.16 | 1,915.00 | 4,417.28 |
| Ingersoll | 25.50 | 25.50 | 591,245.67 | 3,107.4 | 21,083.49 | 12,298.88 | 26,940.48 |
| Jarvis | 35.50 | 35.50 | 57,695.38 | 209.7 | 1,422.80 | 1,231.33 | 2,615.28 |
| Kingsville | 33.50 | 32.50 | 151,481.64 | 609.0 | 4,132.02 | 3,164.07 | 6,864.28 |
| Kitchener | 23.50 | 23.50 | 4,597,536.52 | 26,301.2 | 178,451.82 | 90,749.05 | 209,308.39 |
| Lambeth | 37.50 | 36.00 | 30,922.31 | 128.8 | 873.90 | 750.22 | 1,402.21 |
| LaSalle | 32.50 | 32.50 | 52,803.49 | 229.6 | 1,557.82 | 1,396.56 | 2,397.95 |

**SYSTEM** *N—COST OF POWER*

**Municipality as the Cost—under Power Commission Act—of Power supplied to**
**from each Municipality, and the amount remaining to be credited**
**supplied to it in the year ended October 31, 1942**

| costs and fixed charges | | | | Revenue received in excess of cost of power sold to private companies | Amount charged to each municipality in respect of power supplied to it in the year | Amount received from (or billed against) each municipality by the Commission | Amount remaining to be credited or charged to each municipality Credited (Charged) |
|---|---|---|---|---|---|---|---|
| Provision for renewals | Provision for contingencies and obsolescence | Provision for stabilization of rates | Provision for sinking fund | Credit | | | |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 891.99 | 313.54 | 797.00 | 1,004.65 | 213.20 | 13,292.50 | 14,162.18 | 869.68 |
| 198.88 | 73.00 | 216.20 | 239.25 | 57.83 | 3,383.70 | 3,782.05 | 398.35 |
| 140.65 | 47.37 | 82.20 | 137.32 | 21.99 | 1,774.99 | 1,855.48 | 80.49 |
| 3,348.82 | 1,446.64 | 5,673.00 | 4,943.56 | 1,517.55 | 63,700.21 | 63,822.02 | 121.81 |
| 1,940.71 | 742.56 | 2,597.80 | 2,496.58 | 694 93 | 31,470.65 | 33,082.11 | 1,611.46 |
| 514.28 | 187.48 | 506.40 | 594.94 | 135.46 | 7,680.54 | 8,276.49 | 595.95 |
| 10,460.31 | 4,320.20 | 14,977.40 | 14,618.64 | 4,006.54 | 183,540.76 | 205,938.77 | 22,398.01 |
| 1,729.59 | 653.29 | 1,932.00 | 2,108.87 | 516.82 | 26,981.39 | 28,166.55 | 1,185.16 |
| 886.95 | 323.54 | 917.20 | 1,043.92 | 245.36 | 13,260.85 | 14,447.14 | 1,186.29 |
| 305.08 | 105.03 | 248.00 | 328.56 | 66.34 | 4,047.38 | 4,649.42 | 602.04 |
| 365.17 | 102.93 | 207.20 | 354.74 | 55.43 | 4,183.04 | 4,971.60 | 788.56 |
| 68.01 | 17.99 | 32.80 | 63.32 | 8.77 | 852.42 | 857.08 | 4.66 |
| 1,156.50 | 437.12 | 1,142.00 | 1,368.64 | 305.49 | 16,414.53 | 17,987.21 | 1,572.68 |
| 9,902.01 | 4,115.31 | 14,086.00 | 13,395.52 | 3,768.08 | 171,373.50 | 165,511.26 | (5,862.24) |
| 1,375.64 | 480.97 | 1,266.60 | 1,550.76 | 338.82 | 19,048.58 | 20,525.95 | 1,477.37 |
| 2,517.86 | 925.54 | 2,703.00 | 3,009.06 | 723.07 | 37,133.58 | 41,440.06 | 4,306.48 |
| 298.64 | 113.23 | 349.40 | 363.24 | 93.47 | 4,673.01 | 5,154.14 | 481.13 |
| 1,344.50 | 461.67 | 1,038.20 | 1,436.07 | 277.72 | 18,048.26 | 19,906.51 | 1,858.25 |
| 7,653.53 | 3,355.61 | 13,385.80 | 11,895.26 | 3,580.78 | 152,232.80 | 165,295.01 | 13,062.21 |
| 14,309.34 | 6,061.37 | 22,351.20 | 20,320.40 | 5,979.07 | 263,318.39 | 268,214.70 | 4,896.31 |
| 3,438.37 | 1,223.28 | 3,462.00 | 4,003.87 | 926.10 | 48,953.21 | 53,091.70 | 4,138.49 |
| 717.80 | 209.53 | 411.40 | 699.27 | 110.05 | 8,437.89 | 9,609.18 | 1,171.29 |
| 3,820.72 | 1,205.40 | 3,025.40 | 4,102.33 | 809.31 | 49,833.40 | 53,572.55 | 3,739.15 |
| 201.04 | 63.22 | 142.80 | 207.09 | 38.20 | 2,581.43 | 2,910.43 | 329.00 |
| 1,114.58 | 403.04 | 1,360.00 | 1,380.29 | 363.81 | 17,833.69 | 17,680.66 | (153.03) |
| 14,042.76 | 6,054.36 | 22,040.60 | 19,981.59 | 5,895.98 | 262,118.63 | 258,977.22 | (3,141.41) |
| 1,898.55 | 694.38 | 1,912.20 | 2,206.70 | 511.52 | 26,486.71 | 27,247.49 | 760.78 |
| 167,860.94 | 74,923.38 | 304,728.00 | 257,062.92 | 81,516.42 | 3,343,074.15 | 3,352,009.23 | 8,935.08 |
| 1,039.76 | 353.08 | 826.60 | 1,122.71 | 221.12 | 14,344.64 | 15,497.43 | 1,152.79 |
| 1,177.73 | 427.44 | 1,017.80 | 1,322.99 | 272.27 | 15,697.11 | 17,131.57 | 1,434.46 |
| 627.85 | 181.95 | 389.00 | 620.44 | 104.06 | 7,091.70 | 8,151.37 | 1,059.67 |
| 3,635.95 | 1,548.11 | 5,727.60 | 5,185.51 | 1,532.16 | 67,379.24 | 70,162.24 | 2,783.00 |
| 221.66 | 72.17 | 173.20 | 237.85 | 46.33 | 3,001.49 | 3,503.26 | 501.77 |
| 762.40 | 317.88 | 1,062.40 | 1,001.21 | 284.20 | 12,796.13 | 13,014.60 | 218.47 |
| 4,619.10 | 1,863.34 | 6,214.80 | 6,109.23 | 1,662.49 | 77,466.83 | 79,238.86 | 1,772.03 |
| 577.14 | 185.79 | 419.40 | 596.83 | 112.19 | 6,936.38 | 7,444.64 | 508.26 |
| 1,386.20 | 508.92 | 1,218.00 | 1,566.94 | 325.82 | 18,514.61 | 19,912.79 | 1,398.18 |
| 32,817.69 | 14,223.57 | 52,602.40 | 47,398.03 | 14,071.43 | 611,479.52 | 618,078.19 | 6,598.67 |
| 287.44 | 97.12 | 257.60 | 320.77 | 68.91 | 3,920.35 | 4,677.10 | 756.75 |
| 458.56 | 174.54 | 459.20 | 545.79 | 122.84 | 6,867.58 | 7,462.82 | 595.24 |

## NIAGARA

**Statement showing the amount chargeable (upon annual adjustment) to each it by the Commission; the amount received by the Commission or charged to each Municipality in respect of power**

| Municipality | Interim rates per horsepower collected by Commission during year | | Share of capital cost of system | Average horsepower supplied in year after correction for power factor | Share of operating | | |
|---|---|---|---|---|---|---|---|
| | To Dec. 31, 1941 | From Jan. 1, 1942 | | | Cost of power purchased | Operating maintenance and administrative expenses | Interest |
| | $ c. | $ c. | $ c. | | $ c. | $ c. | $ c. |
| Leamington | 32.50 | 32.50 | 418,536.55 | 1,688.8 | 11,458.39 | 8,154.14 | 18,989.42 |
| Listowel | 31.50 | 30.50 | 312,275.04 | 1,401.9 | 9,511.79 | 9,098.33 | 14,168.97 |
| London | 23.00 | 23.00 | 6,915,216.27 | 39,107.6 | 265,342.35 | 134,109.48 | 315,561.81 |
| London Twp | 29.50 | 28.50 | 103,509.19 | 510.8 | 3,465.74 | 2,393.85 | 4,697.54 |
| Long Branch | 25.50 | 25.50 | 207,050.69 | 1,121.3 | 7,607.94 | 4,315.03 | 9,418.80 |
| Lucan | 33.50 | 31.50 | 41,835.89 | 185.9 | 1,261.32 | 1,107.62 | 1,894.20 |
| Lynden | 33.50 | 32.00 | 25,432.68 | 112.4 | 762.63 | 567.67 | 1,142.89 |
| Markham | 32.50 | 31.50 | 75,788.94 | 341.6 | 2,317.73 | 1,778.35 | 3,435.46 |
| Merlin | 41.50 | 38.00 | 24,937.23 | 94.3 | 639.82 | 644.42 | 1,124.22 |
| Merritton | 20.00 | 20.00 | 1,289,084.04 | 8,833.1 | 59,931.98 | 23,374.93 | 58,328.63 |
| Milton | 30.50 | 28.50 | 262,385.14 | 1,327.4 | 9,006.32 | 6,984.80 | 11,835.06 |
| Milverton | 31.50 | 30.50 | 79,018.67 | 344.5 | 2,337.41 | 2,360.57 | 3,587.84 |
| Mimico | 22.50 | 22.50 | 416,548.23 | 2,424.9 | 16,452.78 | 8,912.91 | 19,005.84 |
| Mitchell | 29.50 | 29.50 | 148,688.03 | 712.2 | 4,832.22 | 3,886.59 | 6,760.06 |
| Moorefield | 58.00 | 52.00 | 16,677.70 | 41.0 | 278.18 | 535.31 | 748.58 |
| Mount Brydges | 37.50 | 35.00 | 22,677.59 | 101.6 | 689.35 | 742.37 | 1,022.78 |
| Newbury | 49.50 | 45.00 | 7,955.59 | 28.4 | 192.69 | 313.70 | 357.29 |
| New Hamburg | 30.50 | 29.50 | 130,121.66 | 622.3 | 4,222.26 | 2,977.89 | 5,903.96 |
| New Toronto | 25.50 | 25.50 | 2,161,380.39 | 11,264.4 | 76,428.17 | 46,732.96 | 98,380.89 |
| Niagara Falls | 17.00 | 17.00 | 1,245,215.94 | 10,549.5 | 71,577.63 | 22,612.32 | 56,497.18 |
| Niagara-on-the-Lake | 22.50 | 22.50 | 123,051.04 | 836.8 | 5,677.63 | 2,802.75 | 5,557.23 |
| North York Twp. | 27.50 | 27.50 | 1,601,078.26 | 8,226.5 | 55,816.23 | 31,961.71 | 72,245.78 |
| Norwich | 30.50 | 30.50 | 92,740.99 | 422.4 | 2,865.95 | 2,155.46 | 4,216.21 |
| Oil Springs | 38.50 | 37.50 | 47,790.74 | 190.9 | 1,295.24 | 1,833.45 | 2,165.25 |
| Otterville | 40.50 | 38.00 | 27,413.91 | 106.3 | 721.24 | 854.21 | 1,234.90 |
| Palmerston | 34.00 | 33.00 | 144,762.07 | 586.4 | 3,978.68 | 4,828.31 | 6,483.97 |
| Paris | 24.50 | 24.50 | 327,540.19 | 1,812.6 | 12,298.37 | 6,637.75 | 14,874.38 |
| Parkhill | 55.50 | 48.00 | 66,673.35 | 195.7 | 1,327.81 | 1,845.17 | 3,011.37 |
| Petrolia | 35.50 | 34.00 | 276,715.37 | 1,188.0 | 8,060.50 | 8,742.69 | 12,498.74 |
| Plattsville | 44.00 | 42.00 | 32,616.75 | 127.4 | 864.40 | 1,172.01 | 1,485.81 |
| Point Edward | 33.50 | 32.00 | 342,503.21 | 1,645.5 | 11,164.60 | 12,798.54 | 15,523.78 |
| Port Colborne | 24.50 | 24.50 | 347,602.85 | 1,903.0 | 12,911.72 | 6,240.00 | 15,816.46 |
| Port Credit | 29.50 | 28.00 | 157,185.20 | 820.9 | 5,569.75 | 3,429.16 | 7,112.85 |
| Port Dalhousie | 25.50 | 25.50 | 163,442.99 | 945.6 | 6,415.83 | 3,955.63 | 7,304.73 |
| Port Dover | 32.50 | 32.50 | 111,592.11 | 456.4 | 3,096.64 | 2,572.11 | 5,075.36 |

**SYSTEM** *N—COST OF POWER*

**Municipality as the Cost—under Power Commission Act—of Power supplied to from each Municipality, and the amount remaining to be credited supplied to it in the year ended October 31, 1942**

| costs and fixed charges | | | | Revenue received in excess of cost of power sold to private companies | Amount charged to each municipality in respect of power supplied to it in the year | Amount received from (or billed against) each municipality by the Commission | Amount remaining to be credited or charged to each municipality Credited (Charged) |
|---|---|---|---|---|---|---|---|
| Provision for renewals | Provision for contingencies and obsolescence | Provision for stabilization of rates | Provision for sinking fund | Credit | | | |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 3,821.03 | 1,342.50 | 3,377.60 | 4,329.10 | 903.53 | 50,568.65 | 54,884.95 | 4,316.30 |
| 2,704.50 | 1,019.98 | 2,803.80 | 3,230.94 | 750.03 | 41,788.28 | 42,982.73 | 1,194.45 |
| 50,168.37 | 21,603.37 | 78,215.20 | 71,347.17 | 20,923.00 | 915,424.75 | 899,475.66 | (15,949.09) |
| 853.08 | 331.69 | 1,021.60 | 1,070.76 | 273.28 | 13,560.98 | 14,668.93 | 1,107.95 |
| 1,586.42 | 654.91 | 2,242.60 | 2,137.23 | 599.91 | 27,363.02 | 28,593.80 | 1,230.78 |
| | | | | | | | |
| 372.94 | 139.53 | 371.80 | 433.54 | 99.46 | 5,481.49 | 5,925.02 | 443.53 |
| 226.31 | 81.12 | 224.80 | 261.60 | 60.14 | 3,206.88 | 3,625.21 | 418.33 |
| 644.12 | 241.31 | 683.20 | 785.07 | 182.76 | 9,702.48 | 10,816.27 | 1,113.79 |
| 241.06 | 82.06 | 188.60 | 258.79 | 50.45 | 3,128.52 | 3,653.55 | 525.03 |
| 7,677.37 | 3,597.57 | 17,666.20 | 13,155.56 | 4,725.81 | 179,006.43 | 176,662.60 | (2,343.83) |
| | | | | | | | |
| 2,131.86 | 783.20 | 2,654.80 | 2,708.27 | 710.17 | 35,394.14 | 38,320.34 | 2,926.20 |
| 698.99 | 264.15 | 689.00 | 818.10 | 184.31 | 10,571.75 | 10,565.24 | (6.51) |
| 2,963.01 | 1,269.75 | 4,849.80 | 4 293.58 | 1,297.35 | 56,450.32 | 54,560.83 | (1,889.49) |
| 1,238.35 | 475.54 | 1,424.40 | 1,537.95 | 381.03 | 19,774.08 | 21,009.20 | 1,235.12 |
| 190.20 | 51.83 | 82.00 | 172.48 | 21.94 | 2,036.64 | 2,173.97 | 137.33 |
| | | | | | | | |
| 200.60 | 72.51 | 203.20 | 234.68 | 54.36 | 3,111.13 | 3,601.70 | 490.57 |
| 79.30 | 25.62 | 56.80 | 82.64 | 15.19 | 1,092.85 | 1,303.88 | 211.03 |
| 1,096.60 | 412.73 | 1,244.60 | 1,346.19 | 332.94 | 16,871.29 | 18,465.75 | 1,594.46 |
| 17,119.67 | 7,016.89 | 22,528.80 | 22,300.64 | 6,026.58 | 284,481.44 | 287,241.79 | 2,760.35 |
| 5,106.77 | 2,939.54 | 21,099.00 | 12,669.41 | 5,644.10 | 186,857.75 | 179,341.16 | (7,516.59) |
| | | | | | | | |
| 764.12 | 293.59 | 1,673.60 | 1,257.00 | 447.70 | 17,578.22 | 18,828.01 | 1,249.79 |
| 11,953.94 | 4,892.21 | 16,453.00 | 16,408.71 | 4,401.27 | 205,330.31 | 226,227.83 | 20,897.52 |
| 814.14 | 304.02 | 844.80 | 961.19 | 225.99 | 11,935.78 | 12,882.70 | 946.92 |
| 448.41 | 162.48 | 381.80 | 495.80 | 102.13 | 6,680.30 | 7,191.84 | 511.54 |
| 266.01 | 86.70 | 212.60 | 284.80 | 56.87 | 3,603.59 | 4,087.13 | 483.54 |
| | | | | | | | |
| 1,313.67 | 472.17 | 1,172.80 | 1,479.52 | 313.73 | 19,415.39 | 19,451.88 | 36.49 |
| 2,421.56 | 1,014.32 | 3,625.20 | 3,370.69 | 969.76 | 43,272.51 | 44,407.86 | 1,135.35 |
| 732.08 | 203.63 | 391.40 | 694.71 | 104.70 | 8,101.47 | 9,677.53 | 1,576.06 |
| 2,477.78 | 924.16 | 2,376.00 | 2,865.91 | 635.59 | 37,310.19 | 41,105.43 | 3,795.24 |
| 317.75 | 99.94 | 254.80 | 340.49 | 68.16 | 4,467.04 | 5,395.51 | 928.47 |
| | | | | | | | |
| 2,815.86 | 1,121.92 | 3,291.00 | 3,537.05 | 880.36 | 49,372.39 | 53,064.97 | 3,692.58 |
| 2,731.27 | 1,138.81 | 3,806.00 | 3,586.79 | 1,018.13 | 45,212.92 | 46,624.04 | 1,411.12 |
| 1,245.82 | 504.49 | 1,641.80 | 1,623.91 | 439.19 | 20,688.59 | 23,213.02 | 2,524.43 |
| 1,177.07 | 478.76 | 1,891.20 | 1,657.67 | 505.91 | 22,374.98 | 24,111.55 | 1,736.57 |
| 1,043.61 | 359.05 | 912.80 | 1,156.37 | 244.18 | 13,971.76 | 14,831.91 | 860.15 |

## NIAGARA

**Statement showing the amount chargeable (upon annual adjustment) to each**
**it by the Commission; the amount received by the Commission**
**or charged to each Municipality in respect of power**

| Municipality | Interim rates per horsepower collected by Commission during year | | Share of capital cost of system | Average horsepower supplied in year after correction for power factor | Share of operating | | |
|---|---|---|---|---|---|---|---|
| | To Dec. 31, 1941 | From Jan. 1, 1942 | | | Cost of power purchased | Operating maintenance and administrative expenses | Interest |
| | $ c. | $ c. | $ c | | $ c. | $ c. | $ c. |
| Port Rowan | 40.00 | 40.00 | 28,357.41 | 103.5 | 702.24 | 754.94 | 1,290.44 |
| Port Stanley | 34.50 | 32.50 | 139,512.29 | 576.1 | 3,908.80 | 3,250.90 | 6,335.30 |
| Preston | 24.00 | 24.00 | 698,146.48 | 4,038.0 | 27,397.55 | 14,652.28 | 31,782.11 |
| Princeton | 40.50 | 40.50 | 34,347.01 | 121.9 | 827.08 | 1,045.17 | 1,574.91 |
| Queenston | 24.50 | 23.00 | 21,033.28 | 140.2 | 951.25 | 659.13 | 948.84 |
| Richmond Hill | 30.50 | 29.00 | 93,334.89 | 448.4 | 3,042.36 | 1,885.16 | 4,224.74 |
| Ridgetown | 33.50 | 31.50 | 127,684.43 | 563.7 | 3,824.67 | 3,383.86 | 5,787.24 |
| Riverside | 30.50 | 30.50 | 249,912.82 | 1,065.0 | 7,225.95 | 4,795.12 | 11,347.68 |
| Rockwood | 35.50 | 33.00 | 28,122.62 | 116.2 | 788.41 | 619.91 | 1,274.54 |
| Rodney | 44.00 | 42.00 | 45,513.04 | 154.0 | 1,044.88 | 1,573.78 | 2,061.35 |
| St. Catharines | 20.50 | 20.50 | 3,940,179.64 | 27,225.1 | 184,720.42 | 71,290.30 | 178,334.69 |
| St. Clair Beach | 35.50 | 35.50 | 24,716.68 | 92.0 | 624.22 | 614.77 | 1,121.61 |
| St. George | 35.50 | 35.50 | 38,387.55 | 148.0 | 1,004.17 | 1,010.81 | 1,751.23 |
| St. Jacobs | 29.50 | 28.50 | 61,901.16 | 312.3 | 2,118.93 | 1,525.25 | 2,809.28 |
| St. Marys | 30.50 | 30.50 | 304,004.12 | 1,475.7 | 10,012.52 | 10,222.07 | 13,817.20 |
| St. Thomas | 23.50 | 23.50 | 1,424,181.28 | 7,882.3 | 53,480.86 | 31,435.13 | 65,112.74 |
| Sarnia | 28.50 | 28.50 | 2,230,628.39 | 10,614.9 | 72,021.36 | 50,449.73 | 101,418.72 |
| Scarborough Twp. | 27.50 | 26.50 | 850,911.82 | 4,290.7 | 29,112.10 | 16,238.49 | 38,344.78 |
| Seaforth | 30.50 | 30.50 | 155,914.26 | 709.8 | 4,815.94 | 4,275.41 | 7,099.16 |
| Simcoe | 25.50 | 25.50 | 483,256.99 | 2,474.9 | 16,792.03 | 10,077.55 | 22,037.88 |
| Smithville | 35.00 | 35.00 | 35,121.91 | 155.9 | 1,057.77 | 884.72 | 1,590.30 |
| Springfield | 43.50 | 40.00 | 19,412.87 | 67.1 | 455.27 | 580.02 | 886.15 |
| Stamford Twp. | 17.50 | 17.50 | 298,008.74 | 2,533.6 | 17,190.30 | 5,562.01 | 13,559.87 |
| Stouffville | 40.50 | 38.00 | 68,042.07 | 280.5 | 1,903.17 | 1,534.71 | 3,065.25 |
| Stratford | 25.50 | 25.50 | 1,421,864.10 | 7,369.4 | 50,000.87 | 34,180.32 | 64,501.32 |
| Strathroy | 29.50 | 29.50 | 288,286.46 | 1,416.2 | 9,608.82 | 6,171.17 | 13,088.74 |
| Streetsville | 34.00 | 32.00 | 43,354.16 | 215.4 | 1,461.47 | 1,401.82 | 1,947.78 |
| Sutton | 43.00 | 40.00 | 73,598.82 | 241.7 | 1,639.92 | 1,693.01 | 3,332.49 |
| Swansea | 29.00 | 28.00 | 524,365.90 | 3,091.5 | 20,975.61 | 20,316.56 | 23,719.49 |
| Tavistock | 31.50 | 30.00 | 141,581.31 | 639.0 | 4,335.57 | 3,500.75 | 6,405.75 |
| Tecumseh | 32.50 | 32.50 | 98,902.73 | 382.8 | 2,597.27 | 2,067.75 | 4,488.63 |
| Thamesford | 34.00 | 33.00 | 50,560.11 | 206.8 | 1,403.12 | 1,495.46 | 2,298.71 |
| Thamesville | 35.50 | 33.00 | 48,778.03 | 213.5 | 1,448.58 | 1,425.72 | 2,207.86 |
| Thedford | 55.00 | 49.00 | 34,611.22 | 100.2 | 679.85 | 1,180.30 | 1,581.24 |
| Thorndale | 50.00 | 44.00 | 24,743.44 | 78.8 | 534.65 | 717.52 | 1,110.95 |

**SYSTEM** *N—COST OF POWER*

**Municipality as the Cost—under Power Commission Act—of Power supplied to from each Municipality, and the amount remaining to be credited supplied to it in the year ended October 31, 1942**

| costs and fixed charges | | | | Revenue received in excess of cost of power sold to private companies | Amount charged to each municipality in respect of power supplied to it in the year | Amount received from (or billed against) each municipality by the Commission | Amount remaining to be credited or charged to each municipality |
|---|---|---|---|---|---|---|---|
| Provision for renewals | Provision for contingencies and obsolescence | Provision for stabilization of rates | Provision for sinking fund | Credit | | | Credited (Charged) |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 282.53 | 90.02 | 207.00 | 294.43 | 55.37 | 3,566.23 | 4,140.32 | 574.09 |
| 1,303.68 | 449.74 | 1,152.20 | 1,447.40 | 308.22 | 17,539.80 | 18,835.58 | 1,295.78 |
| 4,965.51 | 2,155.98 | 8,076.00 | 7,198.47 | 2,160.37 | 94,067.53 | 96,911.06 | 2,843.53 |
| 351.12 | 103.47 | 243.80 | 358.84 | 65.22 | 4,439.17 | 4,936.61 | 497.44 |
| 136.19 | 57.19 | 280.40 | 216.34 | 75.01 | 3,174.33 | 3,260.88 | 86.55 |
| 753.43 | 297.07 | 896.80 | 965.89 | 239.90 | 11,825.55 | 13,125.08 | 1,299.53 |
| 1,120.79 | 416.09 | 1,127.40 | 1,322.17 | 301.59 | 16,680.63 | 17 985.60 | 1,304.97 |
| 2,200.20 | 844.74 | 2,130.00 | 2,583.02 | 569.79 | 30,556.92 | 32,483.53 | 1,926.61 |
| 263.74 | 91.63 | 232.40 | 291.89 | 62.17 | 3,500.35 | 3,882.09 | 381.74 |
| 470.94 | 141.02 | 308.00 | 472.87 | 82.39 | 5,990.45 | 6,530.32 | 539.87 |
| 23,276.91 | 10,955.79 | 54,450.20 | 40,250.77 | 14,565.73 | 548,713.35 | 558,113.89 | 9,400.54 |
| 236.25 | 82.20 | 184.00 | 255.56 | 49.22 | 3,069.39 | 3,266.01 | 196.62 |
| 373.63 | 125.49 | 296.00 | 398.71 | 79.18 | 4,880.86 | 5,254.00 | 373.14 |
| 499.33 | 198.44 | 624.60 | 639.78 | 167.08 | 8,248.53 | 8,948.96 | 700.43 |
| 2,471.49 | 1,008.18 | 2,951.40 | 3,145.48 | 789.51 | 42,838.83 | 45,010.03 | 2,171.20 |
| 10,567.36 | 4,507.17 | 15,764.60 | 14,700.23 | 4,217.12 | 191,350.97 | 185,234.24 | (6,116.73) |
| 18,478.73 | 7,277.55 | 21,229.80 | 23,037.50 | 5,679.09 | 288,234.30 | 302,524.70 | 14,290.40 |
| 6,492.24 | 2,596.81 | 8,581.40 | 8,726.10 | 2,295.57 | 107,796.35 | 114,500.34 | 6,703.99 |
| 1,349.28 | 494.82 | 1,419.60 | 1,613.58 | 379.75 | 20,688.04 | 21,648.10 | 960.06 |
| 3,840.16 | 1,512.02 | 4,949.80 | 4,993.69 | 1,324.10 | 62,879.03 | 63,109.39 | 230.36 |
| 321.38 | 118.20 | 311.80 | 362.67 | 83.41 | 4,563.43 | 5,457.39 | 893.96 |
| 203.08 | 59.83 | 134.20 | 204.55 | 35.90 | 2,487.20 | 2,726.07 | 238.87 |
| 1,229.74 | 706.64 | 5,067.20 | 3,045.02 | 1,355.50 | 45,005.28 | 44,337.27 | (668.01) |
| 616.05 | 208.22 | 561.00 | 705.82 | 150.07 | 8,444.15 | 10,780.89 | 2,336.74 |
| 10,997.02 | 4,586.32 | 14,738.80 | 14,638.59 | 3,942.71 | 189,700.53 | 187,920.43 | (1,780.10) |
| 2,384.73 | 875.92 | 2,832.40 | 2,982.42 | 757.68 | 37,186.52 | 41,778.71 | 4,592.19 |
| 357.59 | 140.64 | 430.80 | 447.65 | 115.24 | 6,072.51 | 6,971.11 | 898.60 |
| 755.47 | 221.62 | 483.40 | 765.88 | 129.31 | 8,762.48 | 9,757.80 | 995.32 |
| 3,421.11 | 1,526.58 | 6,183.00 | 5,405.10 | 1,653.99 | 79,893.46 | 87,139.88 | 7,246.42 |
| 1,227.92 | 468.29 | 1,278.00 | 1,461.92 | 341.87 | 18,336.33 | 19,326.50 | 990.17 |
| 923.90 | 332.90 | 765.60 | 1,021.84 | 204.80 | 11,993.09 | 12,441.01 | 447.92 |
| 475.19 | 164.91 | 413.60 | 524.63 | 110.64 | 6,664.98 | 6,858.70 | 193.72 |
| 430.56 | 162.48 | 427.00 | 505.02 | 114.22 | 6,493.00 | 7,156.68 | 663.68 |
| 383.82 | 109.83 | 200.40 | 364.46 | 53.61 | 4,446.29 | 4,907.53 | 461.24 |
| 263.23 | 75.07 | 157.60 | 257.58 | 42.16 | 3,074.44 | 3,539.71 | 465.27 |

**NIAGARA**

**Statement showing the amount chargeable (upon annual adjustment) to each it by the Commission; the amount received by the Commission or charged to each Municipality in respect of power**

| Municipality | Interim rates per horsepower collected by Commission during year | | Share of capital cost of system | Average horsepower supplied in year after correction for power factor | Share of operating | | |
|---|---|---|---|---|---|---|---|
| | To Dec. 31, 1941 | From Jan. 1, 1942 | | | Cost of power purchased | Operating maintenance and administrative expenses | Interest |
| | $ c. | $ c. | $ c. | | $ c. | $ c. | $ c. |
| Thorold | 21.00 | 21.00 | 369,875.60 | 2,386.8 | 16,194.27 | 8,496.99 | 16,767.92 |
| Tilbury | 33.50 | 32.00 | 266,633.56 | 1,212.2 | 8,224.69 | 6,809.36 | 12,080.19 |
| Tillsonburg | 28.50 | 28.50 | 271,213.60 | 1,320.4 | 8,958.82 | 6,020.15 | 12,330.87 |
| Toronto | 22.60 | 22.60 | 58,334,918.47 | 344,941.5 | 2,340,404.21 | 1,051,488.66 | 2,657,127.91 |
| Toronto Twp. | 27.50 | 27.50 | 539,808.79 | 2,703.7 | 18,344.42 | 13,061.30 | 24,545.30 |
| Trafalgar Twp, Area No. 1 | 26.50 | 26.50 | 76,577.81 | 372.3 | 2,526.03 | 1,743.75 | 3,499.27 |
| Trafalgar Twp., Area No. 2 | 27.50 | 27.50 | 32,608.20 | 141.7 | 961.42 | 1,026.89 | 1,491.93 |
| Wallaceburg | 31.50 | 30.50 | 733,580.89 | 3,339.6 | 22,658.95 | 16,382.32 | 32,971.78 |
| Wardsville | 57.50 | 50.00 | 10,498.57 | 34.7 | 235.44 | 408.40 | 468.58 |
| Waterdown | 27.50 | 27.50 | 42,823.06 | 226.1 | 1,534.07 | 1,033.94 | 1,929.93 |
| Waterford | 27.50 | 27.50 | 102,269.81 | 504.5 | 3,423.00 | 2,177.77 | 4,656.29 |
| Waterloo | 24.00 | 24.00 | 928,778.36 | 5,253.2 | 35,642.60 | 18,619.01 | 42,272.13 |
| Watford | 45.50 | 39.00 | 96,357.74 | 367.8 | 2,495.50 | 2,794.48 | 4,334.86 |
| Welland | 19.50 | 19.50 | 1,686,272.29 | 12,086.2 | 82,004.04 | 30,307.22 | 76,526.07 |
| Wellesley | 44.00 | 38.00 | 29,870.48 | 118.5 | 804.01 | 855.16 | 1,332.74 |
| West Lorne | 36.50 | 35.50 | 56,879.89 | 231.6 | 1,571.39 | 1,971.01 | 2,583.43 |
| Weston | 23.00 | 23.00 | 792,864.38 | 4,490.2 | 30,465.70 | 14,536.99 | 36,232.41 |
| Wheatley | 45.00 | 42.00 | 60,079.11 | 182.5 | 1,238.25 | 1,243.56 | 2,720.36 |
| Windsor | 26.00 | 26.00 | 9,764,537.06 | 48,266.4 | 327,484.18 | 176,987.64 | 443,423.36 |
| Woodbridge | 30.50 | 28.50 | 132,118.57 | 642.5 | 4,359.32 | 2,603.04 | 5,983.30 |
| Woodstock | 24.50 | 24.50 | 1,515,103.31 | 8,372.3 | 56,805.47 | 30,064.74 | 69,021.86 |
| Wyoming | 47.50 | 45.00 | 23,154.06 | 74.2 | 503.44 | 795.65 | 1,048.47 |
| York Twp. | 25.50 | 25.50 | 3,514,459.77 | 18,830.4 | 127,762.96 | 62,699.93 | 160,012.86 |
| Zurich | 50.00 | 45.00 | 40,976.04 | 124.7 | 846.08 | 1,065.65 | 1,847.95 |
| Ontario Reformatory | | | 55,731.49 | 298.9 | 2,028.02 | 1,173.58 | 2,531.73 |
| Toronto Transportation Comm. | | | 102,605.03 | 582.1 | 3,949.51 | 2,098.47 | 4,626.86 |
| Totals—Municipalities | | | 161,977,153.05 | 923,600.3 | 6,266,564.05 | 3,135,864.70 | 7,359,661.73 |
| Totals—Rural power districts | | | 12,010,444.50 | 55,195.0 | 374,494.21 | 274,225.98 | 546,872.76 |
| Totals—Companies | | | 46,891,350.25 | 241,758.9 | 2,995,189.78 | 1,284,687.90 | 2,130,088.16 |
| Totals—Local distribution sys. | | | 649,152.28 | 2,317.0 | 15,720.68 | 41,705.99 | 30,221.16 |
| | | | 221,528,100.08 | | | | |
| Non-operating capital | | | 3,911,282.52 | | | | |
| Grand totals | | | 225,439,382.60 | 1,222,871.2 | 9,651,968.72 | 4,736,484.57 | 10,066,843.81 |

**SYSTEM** *N—COST OF POWER*

**Municipality as the Cost—under Power Commission Act—of Power supplied to**
**from each Municipality, and the amount remaining to be credited**
**supplied to it in the year ended October 31, 1942**

| costs and fixed charges | | | | Revenue received in excess of cost of power sold to private companies | Amount charged to each municipality in respect of power supplied to it in the year | Amount received from (or billed against) each municipality by the Commission | Amount remaining to be credited or charged to each municipality Credited (Charged) |
|---|---|---|---|---|---|---|---|
| Provision for renewals | Provision for contingencies and obsolescence | Provision for stabilization of rates | Provision for sinking fund | Credit | | | |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 2,402.77 | 1,079.59 | 4,773.60 | 3,785.21 | 1,276.96 | 52,223.39 | 50,123.71 | (2,099.68) |
| 2,297.06 | 871.78 | 2,424.40 | 2,752.57 | 648.54 | 34,811.51 | 39,041.47 | 4,229.96 |
| 2,262.47 | 842.05 | 2,640.80 | 2,806.34 | 706.42 | 35,155.08 | 37,631.70 | 2,476.62 |
| 379,131.00 | 169,469.58 | 689,883.00 | 601,270.98 | 184,547.52 | 7,704,227.82 | 7,795,676.73 | 91,448.91 |
| 4,434.05 | 1,764.12 | 5,407.40 | 5,580.76 | 1,446.51 | 71,690.84 | 74,350.61 | 2,659.77 |
| 644.57 | 261.22 | 744.60 | 792.34 | 199.18 | 10,012.60 | 9,866.19 | (146.41) |
| 296.23 | 116.24 | 283.40 | 337.30 | 75.81 | 4,437.60 | 3,895.39 | (542.21) |
| 6,198.61 | 2,335.80 | 6,679.20 | 7,519.71 | 1,786.72 | 92,959.65 | 102,394.29 | 9,434.64 |
| 108.56 | 33.26 | 69.40 | 109.16 | 18.56 | 1,414.24 | 1,787.63 | 373.39 |
| 330.18 | 132.44 | 452.20 | 438.45 | 120.97 | 5,730.24 | 6,218.44 | 488.20 |
| 839.23 | 333.55 | 1,009.00 | 1,057.56 | 269.91 | 13,226.49 | 13,875.08 | 648.59 |
| 6,712.28 | 2,869.42 | 10,506.40 | 9,577.50 | 2,810.52 | 123,388.82 | 126,076.42 | 2,687.60 |
| 927.13 | 315.55 | 735.60 | 999.61 | 196.78 | 12,405.95 | 14,771.33 | 2,365.38 |
| 9,746.06 | 4,556.96 | 24,172.40 | 17,286.28 | 6,466.25 | 238,132.78 | 235,680.93 | (2,451.85) |
| 285.20 | 94.80 | 237.00 | 309.97 | 63.40 | 3,855.48 | 4,623.47 | 767.99 |
| 534.75 | 183.16 | 463.20 | 589.35 | 123.91 | 7,772.38 | 8,261.48 | 489.10 |
| 5,418.10 | 2,312.97 | 8,980.40 | 8,179.38 | 2,402.31 | 103,723.64 | 103,274.76 | (448.88) |
| 635.68 | 182.95 | 365.00 | 624.19 | 97.64 | 6,912.35 | 7,763.80 | 851.45 |
| 76,289.61 | 31,459.66 | 96,532.80 | 100,619.49 | 25,823.05 | 1,226,973.69 | 1,254,925.64 | 27,951.95 |
| 1,055.29 | 407.22 | 1,285.00 | 1,366.95 | 343.74 | 16,716.38 | 18,518.06 | 1,801.68 |
| 11,276.88 | 4,804.88 | 16,744.60 | 15,639.92 | 4,479.28 | 199,879.07 | 205,121.13 | 5,242.06 |
| 242.84 | 72.21 | 148.40 | 240.83 | 39.70 | 3,012.14 | 3,374.08 | 361.94 |
| 25,537.86 | 10,736.47 | 37,660.80 | 36,278.52 | 10,074.47 | 450,614.93 | 480,174.55 | 29,559.62 |
| 443.86 | 124.90 | 249.40 | 426.79 | 66.72 | 4,937.91 | 5,715.17 | 777.26 |
| 429.30 | 174.73 | 597.80 | 575.95 | 159.91 | 7,351.20 | 8,070.97 | 719.77 |
| 750.45 | 311.08 | 1,164.20 | 1,058.19 | 311.43 | 13,647.33 | 17,043.15 | 3,395.82 |
| 1,134,649.91 | 487,237.84 | 1,847,200.60 | 1,667,119.56 | (494,136.31) | 21,404,162.08 | 21,802,395.60 | 451,213.93<br>(52,980.41) |
| 103,648.38 | 38,790.01 | 110,390.00 | 124,127.05 | (29,529.93) | 1,543,018.46 | 1,543,018.46 | ........... |
| 365,382.05 | 5,852,727.55 | ........... | 479,224.39 | 509,315.05 | 13,616,614.88 | 13,616,614.88 | ........... |
| 7,947.88 | 3,674.49 | ........... | 6,878.27 | 14,351.19 | 120,499.66 | 120,499.66 | ........... |
| 1,611,628.22 | 6,382,429.89 | 1,957,590.60 | 2,277,349.27 | ........... | 36,684,295.08 | 37,082,528.60 | 451,213.93<br>(52,980.41) |

**NIAGARA**

**Statement showing the net Credit or Charge to each Municipality in respect of and adjustments made during the year. Also the net amount Credited ended October 31, 1942, and the accumulated amount standing**

| Municipality | Date commenced operating | Net credit or charge at October 31, 1941 | |
|---|---|---|---|
| | | Credit | Charge |
| | | $ c. | $ c. |
| Acton | Jan. 1913 | 2,561.38 | |
| Agincourt | Nov. 1922 | 1,670.81 | |
| Ailsa Craig | Jan. 1916 | 903.40 | |
| Alvinston | April 1922 | 1,353.70 | |
| Amherstburg | Nov. 1925 | 2,659.53 | |
| Ancaster Township | May 1923 | 710.53 | |
| Arkona | Dec. 1926 | 818.25 | |
| Aylmer | Mar. 1918 | 1,696.24 | |
| Ayr | Jan. 1915 | | 641.05 |
| Baden | May 1912 | 544.33 | |
| Beachville | Aug. 1912 | 703.67 | |
| Beamsville | May 1937 | | 179.34 |
| Belle River | Dec. 1922 | 634.57 | |
| Blenheim | Nov. 1915 | 2,280.46 | |
| Blyth | July 1924 | 637.87 | |
| Bolton | Feb. 1915 | 990.76 | |
| Bothwell | Sept. 1915 | 1,129.80 | |
| Brampton | Nov. 1911 | 8,074.23 | |
| Brantford | Feb. 1914 | | 5,970.65 |
| Brantford Township | May 1924 | | 43.71 |
| Bridgeport | Mar. 1928 | 264.62 | |
| Brigden | Jan. 1918 | 987.42 | |
| Brussels | July 1924 | 737.56 | |
| Burford | June 1915 | 448.03 | |
| Burgessville | Nov. 1916 | 65.52 | |
| Caledonia | Oct. 1912 | 264.16 | |
| Campbellville | Jan. 1925 | 95.12 | |
| Cayuga | Nov. 1924 | 756.37 | |
| Chatham | Feb. 1915 | 6,117.34 | |
| Chippawa | Sept. 1919 | 358.20 | |
| Clifford | May 1924 | 624.88 | |
| Clinton | Mar. 1914 | 1,776.78 | |
| Comber | May 1915 | 551.94 | |
| Cottam | Nov. 1926 | 442.32 | |
| Courtright | Dec. 1923 | 385.31 | |
| Dashwood | Sept. 1917 | 692.68 | |
| Delaware | Mar. 1915 | 406.61 | |
| Delhi | May 1938 | 2,156.27 | |
| Dorchester | Dec. 1914 | 537.82 | |
| Drayton | Mar. 1918 | 563.39 | |

**SYSTEM** *N—CREDIT OR CHARGE*

**power supplied to it to October 31, 1941, the cash receipts and payments thereon or charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1942**

| Cash receipts and payments on account of such credits and charges, also adjustments made during the year | | Net amount credited or charged in respect of power supplied in the year ended October 31, 1942 | | Accumulated amount standing as a credit or charge on October 31, 1942 | |
|---|---|---|---|---|---|
| Credited | Charged | Credited | Charged | Credit | Charge |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| .............. | 2,561.38 | 2,737.17 | .............. | 2,737.17 | .............. |
| .............. | 1,670.81 | 1,108.39 | .............. | 1,108.39 | .............. |
| .............. | 903 40 | 756.97 | .............. | 756.97 | .............. |
| .............. | 1,353.70 | 1,074.01 | .............. | 1,074.01 | .............. |
| .............. | 2,659.53 | 2,383.78 | .............. | 2,383.78 | .............. |
| .............. | 710.53 | 631.84 | .............. | 631.84 | .............. |
| .............. | 818.25 | 312.32 | .............. | 312.32 | .............. |
| .............. | 1,696.24 | 1,257.27 | .............. | 1,257.27 | .............. |
| 641.05 | .............. | .............. | 409.15 | .............. | 409.15 |
| .............. | 544.33 | 1,017.04 | .............. | 1,017.04 | .............. |
| .............. | 703.67 | 1,205.46 | .............. | 1,205.46 | .............. |
| 179.34 | .............. | 960.12 | .............. | 960.12 | .............. |
| .............. | 634.57 | 422.37 | .............. | 422.37 | .............. |
| .............. | 2,280.46 | 1,480.29 | .............. | 1,480.29 | .............. |
| .............. | 637.87 | 575.30 | .............. | 575.30 | .............. |
| .............. | 990.76 | 1,000.59 | .............. | 1,000.59 | .............. |
| .............. | 1,129.80 | 647.53 | .............. | 647.53 | .............. |
| .............. | 8,074.23 | 5,564 68 | .............. | 5,564.68 | .............. |
| 5,970.65 | .............. | .............. | 1,455 20 | .............. | 1,455.20 |
| 43.71 | .............. | 135.99 | .............. | 135.99 | .............. |
| .............. | 264.62 | 398.55 | .............. | 398.55 | .............. |
| .............. | 987 42 | 624.14 | .............. | 624.14 | .............. |
| .............. | 737.56 | 784.24 | .............. | 784 24 | .............. |
| .............. | 448.03 | 591.94 | .............. | 591.94 | .............. |
| .............. | 65.52 | 392.84 | .............. | 392.84 | .............. |
| .............. | 264.16 | 424.08 | .............. | 424.08 | .............. |
| .............. | 95.12 | 159.44 | .............. | 159.44 | .............. |
| .............. | 756.37 | 487.32 | .............. | 487.32 | .............. |
| .............. | 6,117.34 | 7,157.46 | .............. | 7,157.46 | .............. |
| .............. | 358.20 | 356.45 | .............. | 356.45 | .............. |
| .............. | 624.88 | 175.67 | .............. | 175.67 | .............. |
| .............. | 1,776.78 | 1,285.65 | .............. | 1,285.65 | .............. |
| .............. | 551.94 | 681.21 | .............. | 681.21 | .............. |
| .............. | 442.32 | 373.53 | .............. | 373.53 | .............. |
| .............. | 385.31 | 314 60 | .............. | 314.60 | .............. |
| .............. | 692.68 | 235.59 | .............. | 235.59 | .............. |
| .............. | 406.61 | 224.58 | .............. | 224.58 | .............. |
| .............. | 2,156.27 | 1,142.70 | .............. | 1,142.70 | .............. |
| .............. | 537.82 | 232.50 | .............. | 232.50 | .............. |
| .............. | 563.39 | 126.71 | .............. | 126.71 | .............. |

## NIAGARA

**Statement showing the net Credit or Charge to each Municipality in respect of and adjustments made during the year. Also the net amount Credited ended October 31, 1942, and the accumulated amount standing**

| Municipality | Date commenced operating | Net credit or charge at October 31, 1941 | |
|---|---|---|---|
| | | Credit | Charge |
| | | $ c. | $ c. |
| Dresden | April 1915 | 2,274.53 | .............. |
| Drumbo | Dec. 1914 | 163.65 | .............. |
| Dublin | Oct 1917 | 357.11 | .............. |
| Dundas | Jan. 1911 | .............. | 1.82 |
| Dunnville | June 1918 | 6,750.97 | .............. |
| Dutton | Sept. 1915 | 641.61 | .............. |
| East York Township | July 1925 | 12,861.12 | .............. |
| Elmira | Nov. 1913 | 2,163.64 | .............. |
| Elora | Nov. 1914 | 884.93 | .............. |
| Embro | Jan. 1915 | 716.47 | .............. |
| Erieau | July 1924 | 277.47 | .............. |
| Erie Beach | July 1925 | 37.90 | .............. |
| Essex | Nov. 1923 | 1,417.42 | .............. |
| Etobicoke Township | Aug. 1917 | .............. | 6,675.84 |
| Exeter | June 1916 | 2,897.18 | .............. |
| Fergus | Nov. 1914 | 3,752.31 | .............. |
| Fonthill | June 1926 | 385.25 | .............. |
| Forest | Mar. 1917 | 2,300.81 | .............. |
| Forest Hill | Jan. 1938 | 14,863.55 | .............. |
| Galt | May 1911 | 692.24 | .............. |
| Georgetown | Sept. 1913 | 5,025.82 | .............. |
| Glencoe | Aug. 1920 | 1,659.31 | .............. |
| Goderich | Feb. 1914 | 6,537.30 | .............. |
| Granton | July 1916 | 646.00 | .............. |
| Grimsby | Jan. 1942 | .............. | .............. |
| Guelph | Dec. 1910 | .............. | 3,228.51 |
| Hagersville | Sept. 1913 | 506.62 | .............. |
| Hamilton | Feb. 1911 | 24,993.46 | .............. |
| Harriston | July 1916 | 655.29 | .............. |
| Harrow | Nov. 1923 | 1,517.26 | .............. |
| Hensall | Jan. 1917 | 1,664.12 | .............. |
| Hespeler | Feb. 1911 | 1,648.05 | .............. |
| Highgate | Dec. 1916 | 570.57 | .............. |
| Humberstone | Oct. 1924 | 176.73 | .............. |
| Ingersoll | May 1911 | 995.19 | .............. |
| Jarvis | Feb. 1924 | 389.82 | .............. |
| Kingsville | Nov. 1923 | 1,816.57 | .............. |
| Kitchener | Jan. 1911 | 5,002.47 | .............. |
| Lambeth | April 1915 | 550.86 | .............. |
| LaSalle | Nov 1925 | 313.75 | .............. |

**SYSTEM** *N—CREDIT OR CHARGE*

**power supplied to it to October 31, 1941, the cash receipts and payments thereon or charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1942**

| Cash receipts and payments on account of such credits and charges, also adjustments made during the year | | Net amount credited or charged in respect of power supplied in the year ended October 31, 1942 | | Accumulated amount standing as a credit or charge on October 31, 1942 | |
|---|---|---|---|---|---|
| Credited | Charged | Credited | Charged | Credit | Charge |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| | 2,274.53 | 869.68 | | 869.68 | |
| | 163.65 | 398.35 | | 398.35 | |
| | 357.11 | 80.49 | | 80.49 | |
| 1.82 | | 121.81 | | 121.81 | |
| | 6,750.97 | 1,611.46 | | 1,611.46 | |
| | 641.61 | 595.95 | | 595.95 | |
| | 12,861.12 | 22,398.01 | | 22,398.01 | |
| | 2,163.64 | 1,185.16 | | 1,185.16 | |
| | 884.93 | 1,186.29 | | 1,186.29 | |
| | 716.47 | 602.04 | | 602.04 | |
| | 277.47 | 788.56 | | 788.56 | |
| | 37.90 | 4.66 | | 4.66 | |
| | 1,417.42 | 1,572.68 | | 1,572.68 | |
| 6,675.84 | | | 5,862.24 | | 5,862.24 |
| | 2,897.18 | 1,477.37 | | 1,477.37 | |
| | 3,752.31 | 4,306.48 | | 4,306.48 | |
| | 385.25 | 481.13 | | 481.13 | |
| | 2,300.81 | 1,858.25 | | 1,858.25 | |
| | 14,863.55 | 13,062.21 | | 13,062.21 | |
| | 692.24 | 4,896.31 | | 4,896.31 | |
| | 5,025.82 | 4,138.49 | | 4,138 49 | |
| | 1,659.31 | 1,171.29 | | 1,171.29 | |
| | 6,537.30 | 3,739.15 | | 3,739.15 | |
| | 646.00 | 329.00 | | 329.00 | |
| | | | 153.03 | | 153 03 |
| 3,228.51 | | | 3,141.41 | | 3,141.41 |
| | 506.62 | 760.78 | | 760.78 | |
| | 24,993.46 | 8,935.08 | | 8,935.08 | |
| | 655.29 | 1,152.79 | | 1,152.79 | |
| | 1,517.26 | 1,434.46 | | 1,434.46 | |
| | 1,664.12 | 1,059.67 | | 1,059.67 | |
| | 1,648.05 | 2,783.00 | | 2,783.00 | |
| | 570.57 | 501.77 | | 501.77 | |
| | 176.73 | 218.47 | | 218.47 | |
| | 995.19 | 1,772.03 | | 1,772.03 | |
| | 389.82 | 508.26 | | 508.26 | |
| | 1,816.57 | 1,398.18 | | 1,398.18 | |
| | 5,002.47 | 6,598.67 | | 6,598.67 | |
| | 550.86 | 756.75 | | 756.75 | |
| | 313.75 | 595.24 | | 595.24 | |

## NIAGARA

**Statement showing the net Credit or Charge to each Municipality in respect of and adjustments made during the year. Also the net amount Credited ended October 31, 1942, and the accumulated amount standing**

| Municipality | Date commenced operating | Net credit or charge at October 31, 1941 | |
|---|---|---|---|
| | | Credit | Charge |
| | | $ c. | $ c. |
| Leamington | Nov. 1923 | 2,994.79 | |
| Listowel | June 1916 | 3,677.72 | |
| London | Jan. 1911 | | 21,224.56 |
| London Township | Jan. 1925 | 1,384.44 | |
| Long Branch | Jan. 1931 | 978.47 | |
| Lucan | Feb. 1915 | 876.50 | |
| Lynden | Nov. 1915 | 414.05 | |
| Markham | April 1920 | 1,246.55 | |
| Merlin | Dec. 1922 | 643.10 | |
| Merritton | Nov. 1920 | | 2,189.92 |
| Milton | April 1913 | 5,958.97 | |
| Milverton | June 1916 | 858.92 | |
| Mimico | May 1912 | | 1,936.65 |
| Mitchell | Sept. 1911 | 1,177.20 | |
| Moorefield | Mar. 1918 | 361.02 | |
| Mount Brydges | Mar. 1915 | 600.64 | |
| Newbury | Mar. 1921 | 279.72 | |
| New Hamburg | Mar. 1911 | 1,742.10 | |
| New Toronto | Feb. 1914 | 1,229.82 | |
| Niagara Falls | Dec. 1915 | | 7,377.96 |
| Niagara-on-the-Lake | Aug. 1919 | 878.26 | |
| North York Township | Nov. 1923 | 11,088.94 | |
| Norwich | May 1912 | 906.97 | |
| Oil Springs | Feb. 1918 | 776.35 | |
| Otterville | Feb. 1916 | 727.81 | |
| Palmerston | July 1916 | 1,333.80 | |
| Paris | Feb. 1914 | 560.23 | |
| Parkhill | May 1920 | 2,071.98 | |
| Petrolia | May 1916 | 5,531.56 | |
| Plattsville | Dec. 1914 | 651.23 | |
| Point Edward | Nov. 1916 | 4,038.47 | |
| Port Colborne | Mar. 1920 | 1,057.86 | |
| Port Credit | Aug. 1912 | 2,554.33 | |
| Port Dalhousie | Nov. 1912 | 1,328.44 | |
| Port Dover | Dec. 1921 | 652.98 | |

**SYSTEM** *N—CREDIT OR CHARGE*

**power supplied to it to October 31, 1941, the cash receipts and payments thereon or charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1942**

| Cash receipts and payments on account of such credits and charges, also adjustments made during the year | | Net amount credited or charged in respect of power supplied in the year ended October 31, 1942 | | Accumulated amount standing as a credit or charge on October 31, 1942 | |
|---|---|---|---|---|---|
| Credited | Charged | Credited | Charged | Credit | Charge |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| ... | 2,994.79 | 4,316.30 | ... | 4,316.30 | ... |
| ... | 3,677.72 | 1,194.45 | ... | 1,194.45 | ... |
| 21,224.56 | ... | ... | 15,949.09 | ... | 15,949.09 |
| ... | 1,384.44 | 1,107.95 | ... | 1,107.95 | ... |
| ... | 978.47 | 1,230.78 | ... | 1,230.78 | ... |
| ... | 876.50 | 443.53 | ... | 443.53 | ... |
| ... | 414.05 | 418.33 | ... | 418.33 | ... |
| ... | 1,246.55 | 1,113.79 | ... | 1,113.79 | ... |
| ... | 643.10 | 525.03 | ... | 525.03 | ... |
| 2,189.92 | ... | ... | 2,343.83 | ... | 2,343.83 |
| ... | 5,958.97 | 2,926.20 | ... | 2,926.20 | ... |
| ... | 858.92 | ... | 6.51 | ... | 6.51 |
| 1,936.65 | ... | ... | 1,889.49 | ... | 1,889.49 |
| ... | 1,177.20 | 1,235.12 | ... | 1,235.12 | ... |
| ... | 361.02 | 137.33 | ... | 137.33 | ... |
| ... | 600.64 | 490.57 | ... | 490.57 | ... |
| ... | 279.72 | 211.03 | ... | 211.03 | ... |
| ... | 1,742.10 | 1,594.46 | ... | 1,594.46 | ... |
| ... | 1,229.82 | 2,760.35 | ... | 2,760.35 | ... |
| 7,377.96 | ... | ... | 7,516.59 | ... | 7,516.59 |
| ... | 878.26 | 1,249.79 | ... | 1,249.79 | ... |
| ... | 11,088.94 | 20,897.52 | ... | 20,897.52 | ... |
| ... | 906.97 | 946.92 | ... | 946.92 | ... |
| ... | 776.35 | 511.54 | ... | 511.54 | ... |
| ... | 727.81 | 483.54 | ... | 483.54 | ... |
| ... | 1,333.80 | 36.49 | ... | 36.49 | ... |
| ... | 560.23 | 1,135.35 | ... | 1,135.35 | ... |
| ... | 2,071.98 | 1,576.06 | ... | 1,576.06 | ... |
| ... | 5,531.56 | 3,795.24 | ... | 3,795.24 | ... |
| ... | 651.23 | 928.47 | ... | 928.47 | ... |
| ... | 4,038.47 | 3,692.58 | ... | 3,692.58 | ... |
| ... | 1,057.86 | 1,411.12 | ... | 1,411.12 | ... |
| ... | 2,554.33 | 2,524.43 | ... | 2,524.43 | ... |
| ... | 1,328.44 | 1,736.57 | ... | 1,736.57 | ... |
| ... | 652.98 | 860.15 | ... | 860.15 | ... |

**NIAGARA**

**Statement showing the net Credit or Charge to each Municipality in respect of and adjustments made during the year. Also the net amount Credited ended October 31, 1942, and the accumulated amount standing**

| Municipality | Date commenced operating | Net credit or charge at October 31, 1941 | |
|---|---|---|---|
| | | Credit | Charge |
| | | $ c. | $ c. |
| Port Rowan | Nov. 1926 | 188.83 | |
| Port Stanley | April 1912 | 2,162.37 | |
| Preston | Jan. 1911 | 1,315.53 | |
| Princeton | Jan. 1915 | 93.64 | |
| Queenston | Mar. 1921 | 452.57 | |
| Richmond Hill | June 1925 | 1,466.94 | |
| Ridgetown | Dec. 1915 | 2,043.89 | |
| Riverside | Nov. 1922 | 1,171.53 | |
| Rockwood | Sept. 1913 | 553.73 | |
| Rodney | Feb. 1917 | 756.55 | |
| St. Catharines | April 1914 | 2,101.89 | |
| St. Clair Beach | Nov. 1922 | 111.61 | |
| St. George | Sept. 1915 | 112.11 | |
| St. Jacobs | Sept. 1917 | 945.79 | |
| St. Marys | May 1911 | 2,499.56 | |
| St. Thomas | April 1911 | | 7,785.12 |
| Sarnia | Dec. 1916 | 7,260.37 | |
| Scarborough Township | Aug. 1918 | 8,484.92 | |
| Seaforth | Nov. 1911 | 527.05 | |
| Simcoe | Aug. 1915 | | 459.79 |
| Smithville | Nov. 1940 | 387.20 | |
| Springfield | Aug. 1917 | 527.58 | |
| Stamford Township | Nov. 1916 | | 721.65 |
| Stouffville | Sept. 1923 | 1,903.39 | |
| Stratford | Jan. 1911 | 4,544.70 | |
| Strathroy | Dec. 1914 | 3,168.40 | |
| Streetsville | Dec. 1934 | 1,108.52 | |
| Sutton | Aug. 1923 | 1,601.83 | |
| Swansea | Oct. 1937 | 9,841.43 | |
| Tavistock | Nov. 1916 | 2,043.98 | |
| Tecumseh | Nov. 1922 | 273.46 | |
| Thamesford | Feb. 1914 | 489.30 | |
| Thamesville | Oct. 1915 | 923.59 | |
| Thedford | May 1922 | 818.42 | |
| Thorndale | Mar. 1914 | 882.01 | |

SYSTEM *N—CREDIT OR CHARGE*

**power supplied to it to October 31, 1941, the cash receipts and payments thereon or charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1942**

| Cash receipts and payments on account of such credits and charges, also adjustments made during the year | | Net amount credited or charged in respect of power supplied in the year ended October 31, 1942 | | Accumulated amount standing as a credit or charge on October 31, 1942 | |
|---|---|---|---|---|---|
| Credited | Charged | Credited | Charged | Credit | Charge |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| | 188.83 | 574.09 | | 574.09 | |
| | 2,162.37 | 1,295.78 | | 1,295.78 | |
| | 1,315.53 | 2,843.53 | | 2,843.53 | |
| | 93.64 | 497.44 | | 497.44 | |
| | 452.57 | 86.55 | | 86.55 | |
| | 1,466.94 | 1,299.53 | | 1,299.53 | |
| | 2,043.89 | 1,304.97 | | 1,304.97 | |
| | 1,171.53 | 1,926.61 | | 1,926.61 | |
| | 553.73 | 381.74 | | 381.74 | |
| | 756.55 | 539.87 | | 539.87 | |
| | 2,101.89 | 9,400.54 | | 9,400.54 | |
| | 111.61 | 196.62 | | 196.62 | |
| | 112.11 | 373.14 | | 373.14 | |
| | 945.79 | 700.43 | | 700.43 | |
| | 2,499.56 | 2,171.20 | | 2,171.20 | |
| 6,136.00 | | | 6,116.73 | | 7,765.85 |
| | 7,260.37 | 14,290.40 | | 14,290.40 | |
| | 8,484.92 | 6,703.99 | | 6,703.99 | |
| | 527.05 | 960.06 | | 960.06 | |
| 459.79 | | 230.36 | | 230.36 | |
| | 387.20 | 893.96 | | 893.96 | |
| | 527.58 | 238.87 | | 238.87 | |
| 721.65 | | | 668.01 | | 668.01 |
| | 1,903.39 | 2,336.74 | | 2,336.74 | |
| | 4,544.70 | | 1,780.10 | | 1,780.10 |
| | 3,168.40 | 4,592.19 | | 4,592.19 | |
| | 1,108.52 | 898.60 | | 898.60 | |
| | 1,601.83 | 995.32 | | 995.32 | |
| | 9,841.43 | 7,246.42 | | 7,246.42 | |
| | 2,043.98 | 990.17 | | 990.17 | |
| | 273.46 | 447.92 | | 447.92 | |
| | 489.30 | 193.72 | | 193.72 | |
| | 923.59 | 663.68 | | 663.68 | |
| | 818.42 | 461.24 | | 461.24 | |
| | 882.01 | 465.27 | | 465.27 | |

## NIAGARA

**Statement showing the net Credit or Charge to each Municipality in respect of and adjustments made during the year. Also the net amount Credited ended October 31, 1942, and the accumulated amount standing**

| Municipality | Date commenced operating | Net credit or charge at October 31, 1941 | |
|---|---|---|---|
| | | Credit | Charge |
| | | $ c. | $ c. |
| Thorold | Jan. 1921 | | 762.20 |
| Tilbury | April 1915 | 2,720.85 | |
| Tillsonburg | Aug. 1911 | 2,459.86 | |
| Toronto | June 1911 | 37,582.54 | |
| Toronto Township | Aug. 1913 | 4,044.26 | |
| Trafalgar Township Area No. 1 | Nov. 1936 | | 286.72 |
| Trafalgar Township Area No. 2 | Nov. 1936 | | 359.13 |
| Wallaceburg | Feb. 1915 | 7,950.13 | |
| Wardsville | June 1921 | 593.04 | |
| Waterdown | Nov. 1911 | 319.29 | |
| Waterford | April 1915 | 365.57 | |
| Waterloo | Dec. 1910 | 2,111.43 | |
| Watford | Sept. 1917 | 3,737.35 | |
| Welland | Sept. 1917 | 6,253.58 | |
| Wellesley | Nov. 1916 | 1,338.49 | |
| West Lorne | Jan. 1917 | 512.43 | |
| Weston | Aug. 1911 | | 2,522.54 |
| Wheatley | Feb. 1924 | 1,065.92 | |
| Windsor | Oct. 1914 | 15,942.07 | |
| Woodbridge | Dec. 1914 | 2,433.75 | |
| Woodstock | Jan. 1911 | 2,212.50 | |
| Wyoming | Nov. 1916 | 496.80 | |
| York Township | Jan. 1941 | 7,302.40 | |
| Zurich | Sept. 1917 | 1,289.22 | |
| Ontario Reformatory | Sept. 1913 | 572.08 | |
| Toronto Transportation Commission | Jan. 1927 | 2,412.15 | |
| Totals—Municipalities | | 376,770.84 | 62,367.16 |
| Totals—Rural power districts | | 2,225,317.30 | 479,657.97 |
| Grand totals | | 2,602,088.14 | 542,025.13 |

**SYSTEM** *N—CREDIT OR CHARGE*

**power supplied to it to October 31, 1941, the cash receipts and payments thereon or Charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1942**

| Cash receipts and payments on account of such credits and charges, also adjustments made during the year | | Net amount credited or charged in respect of power supplied in the year ended October 31, 1942 | | Accumulated amount standing as a credit or charge on October 31, 1942 | |
|---|---|---|---|---|---|
| Credited | Charged | Credited | Charged | Credit | Charge |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 762.20 | .............. | .............. | 2,099.68 | .............. | 2,099.68 |
| .............. | 2,720.85 | 4,229.96 | .............. | 4,229.96 | .............. |
| .............. | 2,459.86 | 2,476.62 | .............. | 2,476.62 | .............. |
| .............. | 37.582.54 | 91,448.91 | .............. | 91,448.91 | .............. |
| .............. | 4,044.26 | 2,659.77 | .............. | 2,659.77 | .............. |
| 286.72 | .............. | .............. | 146.41 | .............. | 146.41 |
| 359.13 | .............. | .............. | 542.21 | .............. | 542.21 |
| .............. | 7,950.13 | 9,434.64 | .............. | 9,434.64 | .............. |
| .............. | 593.04 | 373.39 | .............. | 373.39 | .............. |
| .............. | 319.29 | 488.20 | .............. | 488.20 | .............. |
| .............. | 365.57 | 648.59 | .............. | 648.59 | .............. |
| .............. | 2,111.43 | 2,687.60 | .............. | 2,687.60 | .............. |
| .............. | 3,737.35 | 2,365.38 | .............. | 2,365.38 | .............. |
| .............. | 6,253.58 | .............. | 2,451.85 | .............. | 2,451.85 |
| .............. | 1,338.49 | 767.99 | .............. | 767.99 | .............. |
| .............. | 512.43 | 489.10 | .............. | 489.10 | .............. |
| .............. | .............. | .............. | 448.88 | .............. | 2,971.42 |
| .............. | 1,065.92 | 851.45 | .............. | 851.45 | .............. |
| .............. | 15,942.07 | 27,951.95 | .............. | 27,951.95 | .............. |
| .............. | 2,433.75 | 1,801.68 | .............. | 1,801.68 | .............. |
| .............. | 2,212.50 | 5,242.06 | .............. | 5,242.06 | .............. |
| .............. | 496.80 | 361.94 | .............. | 361.94 | .............. |
| .............. | 7,302.40 | 29,559.62 | .............. | 29,559.62 | .............. |
| .............. | 1,289.22 | 777.26 | .............. | 777.26 | .............. |
| .............. | 572.08 | 719.77 | .............. | 719.77 | .............. |
| .............. | 2,412.15 | 3,395.82 | .............. | 3,395.82 | .............. |
| 58,195.50 | 376,770.84 | 451,213.93 | 52,980.41 | 451,213.93 | 57.152.07 |
| 91,824.45 | 21,849.03 | 294,360.33 | 116,849.51 | 2,582,541.14 | 589,395.57 |
| 150,019.95 | 398,619.87 | 745,574.26 | 169,829.92 | 3,033,755.07 | 646,547.64 |

## Sinking Fund

**Statement showing Sinking Fund paid by each Municipality in the periods mentioned hereunder, as part of the cost of power delivered thereto, together with the proportionate share of other sinking funds provided out of other revenues of the system, and interest allowed thereon to October 31, 1942**

| Municipality | Period of years ended Oct. 31, 1942 | Amount | Municipality | Period of years ended Oct. 31, 1942 | Amount |
|---|---|---|---|---|---|
| | | $ c. | | | $ c. |
| Acton | 25 years | 84,779.25 | Dutton | 22 years | 23,604.89 |
| Agincourt | 19 “ | 13,657.49 | East York Township | 18 “ | 343,869.61 |
| Ailsa Craig | 22 “ | 18,048.46 | Elmira | 24 “ | 90,993.72 |
| Alvinston | 19 “ | 18,093.53 | Elora | 23 “ | 43,921.07 |
| Amherstburg | 19 “ | 65,910.31 | Embro | 23 “ | 13,330.65 |
| Ancaster Township | 19 “ | 21,105.05 | Erieau | 19 “ | 8,087.84 |
| Arkona | 16 “ | 7,515.00 | Erie Beach | 18 “ | 1,987.45 |
| Aylmer | 19 “ | 52,571.97 | Essex | 19 “ | 38,398.74 |
| Ayr | 23 “ | 18,092.48 | Etobicoke Township | 20 “ | 278,495.14 |
| Baden | 25 “ | 38,076.23 | Exeter | 21 “ | 50,602.26 |
| Beachville | 25 “ | 49,212.62 | Fergus | 23 “ | 77,361.52 |
| Beamsville | 6 “ | 6,573.30 | Fonthill | 17 “ | 8,000.06 |
| Belle River | 20 “ | 12,756.22 | Forest | 20 “ | 40,695.29 |
| Blenheim | 22 “ | 45,436.40 | Forest Hill | 19 “ | 223,214.60 |
| Blyth | 19 “ | 11,953.18 | Galt | 26 “ | 658,726.88 |
| Bolton | 22 “ | 20,821.09 | Georgetown | 24 “ | 125,656.86 |
| Bothwell | 22 “ | 20,330.82 | Glencoe | 19 “ | 24,474.92 |
| Brampton | 26 “ | 206,593.47 | Goderich | 23 “ | 147,500.83 |
| Brantford | 23 “ | 1,103,192.79 | Granton | 21 “ | 9,518.30 |
| Brantford Township | 19 “ | 43,070.73 | Grimsby | 1 “ | 1,718.00 |
| Bridgeport | 15 “ | 7,839.09 | Guelph | 26 “ | 794,354.30 |
| Brigden | 20 “ | 13,963.90 | Hagersville | 24 “ | 90,703.23 |
| Brussels | 19 “ | 15,720.83 | Hamilton | 26 “ | 5,980,249.19 |
| Burford | 22 “ | 16,532.70 | Harriston | 21 “ | 40,441.92 |
| Burgessville | 21 “ | 6,316.84 | Harrow | 19 “ | 31,183.94 |
| Caledonia | 25 “ | 27,519.48 | Hensall | 21 “ | 19,920.26 |
| Campbellville | 18 “ | 3,207.75 | Hespeler | 26 “ | 141,626.22 |
| Cayuga | 18 “ | 11,895.55 | Highgate | 21 “ | 11,398.79 |
| Chatham | 22 “ | 479,154.83 | Humberstone | 19 “ | 26,119.46 |
| Chippawa | 21 “ | 20,571.83 | Ingersoll | 26 “ | 220,696.65 |
| Clifford | 19 “ | 8,766.25 | Jarvis | 19 “ | 18,208.89 |
| Clinton | 23 “ | 56,045.42 | Kingsville | 19 “ | 49,619.69 |
| Comber | 22 “ | 21,751.30 | Kitchener | 26 “ | 1,574,135.39 |
| Cottam | 16 “ | 5,469.44 | Lambeth | 22 “ | 11,666.95 |
| Courtright | 19 “ | 6,835.94 | LaSalle | 17 “ | 17,034.38 |
| Dashwood | 20 “ | 10,094.57 | Leamington | 19 “ | 107,581.10 |
| Delaware | 22 “ | 4,066.68 | Listowel | 21 “ | 94,128.55 |
| Delhi | 5 “ | 7,569.51 | London | 26 “ | 2,918,917.07 |
| Dorchester | 23 “ | 9,164.51 | London Township | 18 “ | 25,645.97 |
| Drayton | 19 “ | 15,158.18 | Long Branch | 12 “ | 34,238.81 |
| Dresden | 22 “ | 38,302.82 | Lucan | 22 “ | 21,615.94 |
| Drumbo | 23 “ | 7,995.57 | Lynden | 22 “ | 15,284.41 |
| Dublin | 20 “ | 6,705.82 | Markham | 19 “ | 23.392.77 |
| Dundas | 26 “ | 168,502.03 | Merlin | 19 “ | 13,638.46 |
| Dunnville | 20 “ | 75,501.99 | Merritton | 21 “ | 204,454.09 |

## NIAGARA SYSTEM

### Sinking Fund

**Statement showing Sinking Fund paid by each Municipality in the periods mentioned hereunder, as part of the cost of power delivered thereto, together with the proportionate share of other sinking funds provided out of other revenues of the system, and interest allowed thereon to October 31, 1942**

| Municipality | Period of years ended Oct. 31, 1942 | Amount | Municipality | Period of years ended Oct. 31, 1942 | Amount |
|---|---|---|---|---|---|
| | | $ c. | | | $ c. |
| Milton | 24 years | 118,584.74 | Smithville | 2 years | 956.69 |
| Milverton | 21 “ | 49,404.28 | Springfield | 20 “ | 10,557.52 |
| Mimico | 25 “ | 168,561.83 | Stamford Twp. | 21 “ | 115,814.68 |
| Mitchell | 26 “ | 52,915.81 | Stouffville | 19 “ | 20,020.66 |
| Moorefield | 19 “ | 7,232.14 | Stratford | 26 “ | 693,747.26 |
| Mount Brydges | 22 “ | 9,096.89 | Strathroy | 23 “ | 104,279.80 |
| Newbury | 19 “ | 5,213.72 | Streetsville | 8 “ | 3,727.75 |
| New Hamburg | 26 “ | 57,807.69 | Sutton | 19 “ | 19,817.24 |
| New Toronto | 23 “ | 550,517.55 | Swansea | 17 “ | 102,546.96 |
| Niagara Falls | 22 “ | 666,703.32 | Tavistock | 21 “ | 53,188.05 |
| Niagara-on-the-Lake | 19 “ | 37,840.88 | Tecumseh | 20 “ | 30,829.47 |
| North York Twp. | 19 “ | 201,451.92 | Thamesford | 23 “ | 19,988.75 |
| Norwich | 25 “ | 42,810.91 | Thamesville | 22 “ | 20,441.27 |
| Oil Springs | 19 “ | 28,667.71 | Thedford | 19 “ | 11,223.64 |
| Otterville | 21 “ | 10,494.95 | Thorndale | 23 “ | 9,892.02 |
| Palmerston | 21 “ | 51,005.98 | Thorold | 20 “ | 120,913.45 |
| Paris | 23 “ | 132,712.67 | Tilbury | 22 “ | 56,662.58 |
| Parkhill | 19 “ | 22,620.66 | Tillsonburg | 26 “ | 103,669.53 |
| Petrolia | 21 “ | 119,127.05 | Toronto | 26 “ | 22,114,474.37 |
| Plattsville | 23 “ | 10,811.60 | Toronto Township | 24 “ | 136,310.40 |
| Point Edward | 20 “ | 74,352.69 | Trafalgar Twp., Area 1 | 6 “ | 7,296.63 |
| Port Colborne | 21 “ | 116,972.30 | Trafalgar Twp., Area 2 | 6 “ | 2,514.17 |
| Port Credit | 25 “ | 48,830.28 | Wallaceburg | 22 “ | 222,134.28 |
| Port Dalhousie | 21 “ | 43,753.36 | Wardsville | 19 “ | 4,288.66 |
| Port Dover | 19 “ | 31,342.58 | Waterdown | 26 “ | 25,748.06 |
| Port Rowan | 16 “ | 8,198.30 | Waterford | 22 “ | 37,727.84 |
| Port Stanley | 25 “ | 48,077.06 | Waterloo | 26 “ | 310,009.60 |
| Preston | 26 “ | 303,056.86 | Watford | 20 “ | 28,105.38 |
| Princeton | 23 “ | 11,165.81 | Welland | 20 “ | 360,084.55 |
| Queenston | 19 “ | 8,196.92 | Wellesley | 21 “ | 18,592.15 |
| Richmond Hill | 18 “ | 24,123.25 | West Lorne | 21 “ | 28,712.50 |
| Ridgetown | 22 “ | 50,147.54 | Weston | 26 “ | 279,055.51 |
| Riverside | 20 “ | 96,086.88 | Wheatley | 19 “ | 16,271.96 |
| Rockwood | 24 “ | 13,093.81 | Windsor | 23 “ | 3,559,334.68 |
| Rodney | 20 “ | 16,029.18 | Woodbridge | 23 “ | 37,397.35 |
| | | | Woodstock | 26 “ | 475,839.23 |
| St. Catharines | 21 “ | 755,672.72 | Wyoming | 21 “ | 9,568.01 |
| St. Clair Beach | 20 “ | 8,059.82 | York Township | 22 “ | 855,109.68 |
| St. George | 22 “ | 16,430.70 | Zurich | 20 “ | 15,358.15 |
| St. Jacobs | 20 “ | 19,505.45 | Ontario Reformatory | 8 “ | 7,300.70 |
| St. Marys | 26 “ | 153,720.54 | Toronto Trans. Com. | 21 “ | 196,700.80 |
| St. Thomas | 26 “ | 580,769.72 | Sandwich, Windsor & Amherstburg Railway | 20 “ | 197,584.64 |
| Sarnia | 21 “ | 738,577.86 | | | |
| Scarborough Twp. | 19 “ | 227,373.94 | | | |
| Seaforth | 26 “ | 70,824.71 | | | |
| Simcoe | 22 “ | 130,325.84 | | | |

Total—Municipalities $53,980,925.32
Total—Rural power districts 3,750,527.34

Grand total $57,731,452.66

### Rural Power Districts

### Operating Account for Year Ended October 31, 1942

| | | |
|---|---|---|
| Revenue from customers in rural power districts | | $3,626,530.90 |
| Cost of power as provided to be paid under Power Commission Act | $1,543,018.46 | |
| Cost of operation, maintenance and administration | 988,460.70 | |
| Interest | 552,092.13 | |
| Provision for renewals | 238,709.15 | |
| Provision for sinking fund | 126,739.64 | |
| | | 3,449,020.08 |
| Balance | | $ 177,510.82 |

## NIAGARA SYSTEM—RURAL LINES

**Statement showing Interest, Renewals, Contingencies and Obsolescence and Sinking Fund charged by the Commission to the Municipalities which operate the respective rural lines for the year ended October 31, 1942**

| Operated by | Capital cost | Interest | Provision for renewals | Provision for contingencies and obsolescence | Provision for sinking fund | Total interest, renewals, obsolescence, contingencies and sinking fund charged |
|---|---|---|---|---|---|---|
| | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| Milton | 440.82 | 21.86 | 8.82 | 4.41 | 7.93 | 43.02 |
| Welland | 19,617.60 | 823.94 | 392.35 | 196.18 | 353.12 | 1,765.59 |
| Totals | 20,058.42 | 845.80 | 401.17 | 200.59 | 361.05 | 1,808.61 |

## NIAGARA SYSTEM—RURAL LINES

**Statement showing the total Sinking Fund in respect of each line, together with interest allowed thereon to October 31, 1942.**

| Operated by | Period of years ended October 31, 1942 | Amount |
|---|---|---|
| | | $ c. |
| Milton | 29 years | 396.29 |
| Welland | 30 years | 18,843.30 |
| Total | | 19,239.59 |

## GEORGIAN BAY

**Statement showing the amount chargeable (upon annual adjustment) to each it by the Commission; the amount received by the Commission or charged to each Municipality in respect of power**

| Municipality | Interim rates per horsepower collected by Commission during year | | Share of capital cost of system | Average horsepower supplied in year after correction for power factor | Share of operating | | |
|---|---|---|---|---|---|---|---|
| | To Dec. 31, 1941 | From Jan. 1, 1942 | | | Cost of power purchased | Operating, maintenance and administrative expenses | Interest |
| | $ c. | $ c. | $ c. | | $ c. | $ c. | $ c. |
| Alliston | 48.00 | 46.00 | 125,695.63 | 364.0 | .......... | 4,999.48 | 5,323.98 |
| Arthur | 63.00 | 60.00 | 62,188.04 | 147.8 | .......... | 3,777.48 | 2,639.14 |
| Barrie | 32.50 | 32.50 | 942,309.09 | 3,951.9 | .......... | 40,772.02 | 40,027.32 |
| Beaverton | 40.00 | 39.00 | 73,234.39 | 257.4 | .......... | 3,742.62 | 3,102.54 |
| Beeton | 62.00 | 60.00 | 53,818.95 | 124.0 | .......... | 2,237.13 | 2,283.25 |
| Bradford | 50.00 | 48.00 | 73,587.76 | 215.7 | .......... | 3,391.34 | 3,122.74 |
| Brechin | 48.50 | 47.00 | 16,741.42 | 49.7 | .......... | 798.14 | 705.68 |
| Cannington | 40.50 | 40.00 | 51,536.20 | 182.9 | .......... | 2,532.47 | 2,184.79 |
| Chatsworth | 41.00 | 40.00 | 25,585.36 | 78.0 | .......... | 1,026.39 | 1,019.34 |
| Chesley | 35.50 | 35.50 | 149,012.72 | 543.6 | .......... | 6,329.68 | 6,277.29 |
| Coldwater | 35.00 | 35.00 | 35,323.57 | 120.3 | .......... | 1,501.87 | 1,525.20 |
| Collingwood | 37.00 | 36.00 | 627,726.98 | 2,484.2 | .......... | 26,446.97 | 26,077.47 |
| Cookstown | 45.00 | 45.00 | 25,830.60 | 80.6 | .......... | 1,040.07 | 1,096.56 |
| Creemore | 48.00 | 45.00 | 42,973.28 | 133.4 | .......... | 2,012.75 | 1,803.96 |
| Dundalk | 37.00 | 37.00 | 61,405.13 | 232.0 | .......... | 2,962.58 | 2,605.33 |
| Durham | 39.00 | 39.00 | 106,798.55 | 391.7 | .......... | 5,022.80 | 4,538.71 |
| Elmvale | 39.50 | 39.50 | 43,568.11 | 166.8 | .......... | 2,623.63 | 1,872.24 |
| Elmwood | 42.50 | 42.50 | 22,210.77 | 61.9 | .......... | 1,094.22 | 855.68 |
| Flesherton | 45.00 | 45.00 | 17,424.63 | 57.5 | .......... | 968.73 | 739.40 |
| Grand Valley | 53.00 | 51.00 | 42,164.01 | 117.6 | .......... | 2,151.85 | 1,786.82 |
| Gravenhurst | 25.00 | 25.00 | 220,020.30 | 1,117.7 | .......... | 9,528.54 | 9,364.28 |
| Hanover | 32.00 | 32.00 | 330,026.91 | 1,370.2 | .......... | 14,317.60 | 14,006.03 |
| Holstein | 80.00 | 62.00 | 8,313.41 | 16.5 | .......... | 612.97 | 354.77 |
| Huntsville | 28.00 | 28.00 | 283,137.54 | 1,193.6 | .......... | 12,044.66 | 12,084.98 |
| Kincardine | 45.00 | 42.00 | 227,974.04 | 717.8 | .......... | 9,067.05 | 9,613.16 |
| Kirkfield | 56.00 | 55.00 | 11,292.77 | 25.9 | .......... | 438.12 | 479.46 |
| Lucknow | 51.00 | 48.00 | 115,019.48 | 318.1 | .......... | 4,873.42 | 4,823.94 |
| Markdale | 37.00 | 37.00 | 47,555.49 | 183.9 | .......... | 2,327.20 | 2,015.16 |
| Meaford | 40.00 | 39.00 | 186,840.51 | 672.5 | .......... | 7,792.40 | 7,904.48 |
| Midland | 31.50 | 31.50 | 929,312.99 | 3,984.5 | .......... | 40,519.53 | 39,458.64 |
| Mildmay | 45.00 | 42.00 | 41,348.30 | 133.5 | .......... | 1,789.44 | 1,737.67 |
| Mount Forest | 44.00 | 44.00 | 155,400.03 | 485.6 | .......... | 6,712.73 | 6,610.06 |
| Neustadt | 55.00 | 55.00 | 12,684.10 | 42.7 | .......... | 671.65 | 527.89 |
| Orangeville | 44.00 | 43.00 | 225,955.25 | 728.2 | .......... | 10,626.71 | 9,586.98 |
| Owen Sound | 32.00 | 32.00 | 1,278,855.41 | 5,085.9 | .......... | 52,542.21 | 52,722.61 |

**SYSTEM** *G.B.—COST OF POWER*

**Municipality as the Cost—under Power Commission Act—of Power supplied to from each Municipality, and the amount remaining to be credited supplied to it in the year ended October 31, 1942**

| costs and fixed charges | | | | Cost-in excess of revenue from power sold to private companies | Amount charged to each municipality in respect of power supplied to it in the year | Amount received from (or billed against) each municipality by the Commission | Amount remaining to be credited or charged to each municipality Credited (Charged) |
|---|---|---|---|---|---|---|---|
| Provision for renewals | Provision for contingencies and obsolescence | Provision for stabilization of rates | Provision for sinking fund | | | | |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 1,738.92 | 1,006.90 | 1,092.00 | 1,317.69 | 43.72 | 15,522.69 | 16,871.21 | 1,348.52 |
| 927.92 | 442.67 | 443.40 | 651.84 | 17.75 | 8,900.20 | 8,954.75 | 54.55 |
| 10,429.91 | 9,639.27 | 11,855.70 | 9,857.46 | 474.69 | 123,056.37 | 128,437.29 | 5,380.92 |
| 914.64 | 672.15 | 772.20 | 765.93 | 30.92 | 10,001.00 | 10,084.02 | 83.02 |
| 812.37 | 373.13 | 372.00 | 564.71 | 14.89 | 6,657.48 | 7,481.29 | 823.81 |
| 1,012.51 | 593.67 | 647.10 | 771.39 | 25.91 | 9,564.66 | 10,428.90 | 864.24 |
| 228.63 | 137.82 | 149.10 | 175.28 | 5.97 | 2,200.62 | 2,345.09 | 144.47 |
| 640.70 | 475.75 | 548.70 | 539.40 | 21.97 | 6,943.78 | 7,330.97 | 387.19 |
| 314.54 | 218.12 | 234.00 | 251.78 | 9.37 | 3,073.54 | 3,135.19 | 61.65 |
| 1,793.07 | 1,408.89 | 1,630.80 | 1,544.62 | 65.30 | 19,049.65 | 19,296.02 | 246.37 |
| 456.59 | 326.53 | 360.90 | 373.30 | 14.45 | 4,558.84 | 4,211.37 | (347.47) |
| 7,030.27 | 6,147.64 | 7,452.60 | 6,446.01 | 298.40 | 79,899.36 | 89,839.85 | 9,940.49 |
| 345.01 | 222.15 | 241.80 | 270.69 | 9.68 | 3,225.96 | 3,627.76 | 401.80 |
| 570.44 | 360.61 | 400.20 | 447.72 | 16.02 | 5,611.70 | 6,071.53 | 459.83 |
| 732.34 | 593.18 | 696.00 | 641.89 | 27.87 | 8,259.19 | 8,582.53 | 323 34 |
| 1,298.93 | 1,000.98 | 1,175.10 | 1,116.64 | 47.05 | 14,200.21 | 15,274.33 | 1,074.12 |
| 526.65 | 428.85 | 500.40 | 461.56 | 20.04 | 6,433.37 | 6,588.60 | 155.23 |
| 272.26 | 179.45 | 185.70 | 211.73 | 7.44 | 2,806.48 | 2,630.07 | (176.41) |
| 225.62 | 152.18 | 172.50 | 182.31 | 6.91 | 2,447.65 | 2,586.95 | 139.30 |
| 591.98 | 333.92 | 352.80 | 441.60 | 14.13 | 5,673.10 | 6,042.05 | 368.95 |
| 2,032.39 | 2,572.06 | 3,353.10 | 2,304.90 | 134.26 | 29,289.53 | 27,942.92 | (1,346.61) |
| 3,666.68 | 3,396.89 | 4,110.60 | 3,444.32 | 164.59 | 43,106.71 | 43,847.71 | 741.00 |
| 131.01 | 51.71 | 49.50 | 87.21 | 1.98 | 1,289.15 | 1,088.89 | (200.26) |
| 3,133.56 | 2,872.10 | 3,580.80 | 2,968.53 | 143.37 | 36,828.00 | 33,421.04 | (3,406.96) |
| 3,012.35 | 1,914.99 | 2,153.40 | 2,379.03 | 86.22 | 28,226.20 | 30,503.01 | 2,276.81 |
| 170.51 | 77.95 | 77.70 | 118.39 | 3.11 | 1,365.24 | 1,429.84 | 64.60 |
| 1,599.11 | 896.96 | 954.30 | 1,193.37 | 38.21 | 14,379.31 | 15,439.13 | 1,059.82 |
| 558.13 | 460.30 | 551.70 | 497.03 | 22.09 | 6,431.61 | 6,804.31 | 372.70 |
| 2,299.73 | 1,728.83 | 2,017.50 | 1,953.79 | 80.78 | 23,777.51 | 26,352.41 | 2,574.90 |
| 10,071.62 | 9,588.18 | 11,953.50 | 9,704.84 | 478.61 | 121,774.92 | 125,512.88 | 3,737.96 |
| 538.66 | 360.67 | 400.50 | 431.10 | 16.04 | 5,274.08 | 5,685.93 | 411.85 |
| 2,070.31 | 1,306.44 | 1,456.80 | 1,626.51 | 58.33 | 19,841.18 | 21,364.57 | 1,523.39 |
| 162.26 | 111.86 | 128.10 | 132.60 | 5.13 | 1,739.49 | 2,349.88 | 610.39 |
| 2,962.98 | 1,930.97 | 2,184.60 | 2,364.54 | 87.47 | 29,744.25 | 31,443.00 | 1,698.75 |
| 13,948.60 | 12,522.77 | 15,257.70 | 12,962.91 | 610.89 | 160,567.69 | 162,748.34 | 2,180.65 |

## GEORGIAN BAY

**Statement showing the amount chargeable (upon annual adjustment) to each it by the Commission; the amount received by the Commission or charged to each Municipality in respect of power**

| Municipality | Interim rates per horsepower collected by Commission during year | | Share of capital cost of system | Average horsepower supplied in year after correction for power factor | Share of operating | | |
|---|---|---|---|---|---|---|---|
| | To Dec. 31, 1941 | From Jan. 1, 1942 | | | Cost of power purchased | Operating, maintenance and administrative expenses | Interest |
| | $ c. | $ c. | $ c. | | $ c. | $ c. | $ c. |
| Paisley | 50.00 | 47.00 | 46,477.43 | 129.4 | .......... | 2,007.55 | 1,934.54 |
| Penetanguishene | 36.50 | 35.00 | 248,053.95 | 976.8 | .......... | 10,339.21 | 10,502.74 |
| Port Elgin | 39.00 | 39.00 | 154,777.91 | 502.4 | .......... | 6,016.44 | 6,487.97 |
| Port McNicoll | 37.00 | 37.00 | 22,905.32 | 82.9 | .......... | 992.08 | 973.77 |
| Port Perry | 46.50 | 45.00 | 91,277.10 | 278.2 | .......... | 4,470.39 | 3,868.72 |
| Priceville | 57.00 | 57.00 | 3,488.61 | 10.0 | .......... | 146.23 | 145.88 |
| Ripley | 65.00 | 62.00 | 42,339.74 | 97.6 | .......... | 1,907.05 | 1,766.27 |
| Rosseau | 80.00 | 62.00 | 25,168.48 | 35.7 | .......... | 1,211.30 | 1,070.57 |
| Shelburne | 42.00 | 42.00 | 71,073.85 | 241.0 | .......... | 3,548.02 | 3,029.76 |
| Southampton | 39.00 | 39.00 | 162,127.85 | 554.2 | .......... | 6,516.59 | 6,797.87 |
| Stayner | 38.00 | 38.00 | 77,200.01 | 278.2 | .......... | 3,595.93 | 3,257.24 |
| Sunderland | 54.00 | 50.00 | 27,320.26 | 76.2 | .......... | 1,336.15 | 1,155.04 |
| Tara | 42.00 | 42.00 | 33,457.57 | 102.5 | .......... | 1,400.20 | 1,387.16 |
| Teeswater | 50.00 | 47.00 | 51,052.79 | 138.0 | .......... | 2,263.08 | 2,168.07 |
| Thornton | 60.00 | 56.00 | 11,382.33 | 29.3 | .......... | 534.89 | 479.55 |
| Tottenham | 70.00 | 62.00 | 44,656.82 | 93.0 | .......... | 1,790.72 | 1,896.35 |
| Uxbridge | 48.50 | 45.00 | 112,112.36 | 333.4 | .......... | 4,978.06 | 4,735.39 |
| Victoria Harbour | 38.00 | 38.00 | 21,815.85 | 80.4 | .......... | 1,074.34 | 925.62 |
| Walkerton | 34.00 | 34.00 | 228,042.30 | 911.2 | .......... | 9,951.83 | 9,627.28 |
| Waubaushene | 38.00 | 37.00 | 24,652.04 | 93.9 | .......... | 1,138.38 | 1,042.88 |
| Wiarton | 54.00 | 49.00 | 114,142.49 | 298.6 | .......... | 4,577.11 | 4,740.95 |
| Windermere | 55.00 | 50.00 | 13,932.24 | 34.8 | .......... | 689.39 | 584.21 |
| Wingham | 50.00 | 46.00 | 201,537.56 | 594.7 | .......... | 7,835.71 | 8,446.57 |
| Woodville | 54.00 | 49.00 | 25,743.02 | 72.0 | .......... | 1,192.00 | 1,088.70 |
| Totals—Municipalities | | | 8,527,609.60 | 31,882.0 | .......... | 368,809.10 | 358,990.65 |
| Totals—Rural power districts | | | 2,139,326.82 | 7,349.8 | 4,129.52 | 84,743.18 | 90,168.26 |
| Totals—Companies | | | 543,233.11 | 1,650.3 | 79,682.77 | 19,311.54 | 20,996.48 |
| Totals—Local distribution systems | | | 257,198.32 | 480.1 | .......... | 16,462.81 | 11,002.39 |
| | | | 11,467,367.85 | | | | |
| Non-operating capital | | | 46,693.70 | | | | |
| Grand totals | | | 11,514,061.55 | 41,362.2 | 83,812.29 | 489,326.63 | 481,157.78 |

**Municipality as the Cost—under Power Commission Act—of Power supplied to from each Municipality, and the amount remaining to be credited supplied to it in the year ended October 31, 1942**

| costs and fixed charges | | | | Cost-in excess of revenue from power sold to private companies | Amount charged to each municipality in respect of power supplied to it in the year | Amount received from (or billed against) each municipality by the Commission | Amount remaining to be credited or charged to each municipality Credited (Charged) |
|---|---|---|---|---|---|---|---|
| Provision for renewals | Provision for contingencies and obsolescence | Provision for stabilization of rates | Provision for sinking fund | | | | |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 640.62 | 364.99 | 388.20 | 480.25 | 15.54 | 5,831.69 | 6,157.25 | 325.56 |
| 2,873.71 | 2,428.04 | 2,930.40 | 2,592.19 | 117.33 | 31,783.62 | 34,432.49 | 2,648.87 |
| 1,977.22 | 1,323.70 | 1,507.20 | 1,596.06 | 60.35 | 18,968.94 | 19,592.31 | 623.37 |
| 280.96 | 218.23 | 248.70 | 239.51 | 9.96 | 2,963.21 | 3,068.85 | 105.64 |
| 1,231.39 | 745.96 | 834.60 | 955.68 | 33.42 | 12,140.16 | 12,583.65 | 443.49 |
| 48.40 | 29.89 | 30.00 | 36.53 | 1.20 | 438.13 | 570.00 | 131.87 |
| 628.28 | 292.41 | 292.80 | 438.62 | 11.72 | 5,337.15 | 6,105.83 | 768.68 |
| 427.74 | 131.43 | 107.10 | 264.64 | 4.29 | 3,217.07 | 2,320.57 | (896.50) |
| 912.08 | 640.25 | 723.00 | 746.47 | 28.95 | 9,628.53 | 10,122.35 | 493.82 |
| 2,017.07 | 1,434.09 | 1,662.60 | 1,674.27 | 66.57 | 20,169.06 | 21,612.20 | 1,443.14 |
| 941.25 | 729.88 | 834.60 | 802.92 | 33.42 | 10,195.24 | 10,573.06 | 377.82 |
| 383.91 | 212.83 | 228.60 | 286.32 | 9.15 | 3,612.00 | 3,864.70 | 252.70 |
| 433.42 | 285.47 | 307.50 | 341.44 | 12.31 | 4,167.50 | 4,303.60 | 136.10 |
| 730.01 | 416.34 | 414.00 | 536.82 | 16.58 | 6,544.90 | 6,570.13 | 25.23 |
| 165.26 | 87.56 | 87.90 | 119.38 | 3.52 | 1,478.06 | 1,662.61 | 184.55 |
| 695.14 | 291.94 | 279.00 | 468.74 | 11.17 | 5,433.06 | 5,926.04 | 492.98 |
| 1,529.80 | 904.92 | 1,000.20 | 1,173.78 | 40.05 | 14,362.20 | 15,223.60 | 861.40 |
| 264.51 | 206.77 | 241.20 | 228.09 | 9.66 | 2,950.19 | 3,056.13 | 105.94 |
| 2,597.78 | 2,281.30 | 2,733.60 | 2,374.44 | 109.45 | 29,675.68 | 30,979.38 | 1,303.70 |
| 292.38 | 243.52 | 281.70 | 257.68 | 11.28 | 3,267.82 | 3,489.15 | 221.33 |
| 1,610.68 | 850.61 | 895.80 | 1,177.92 | 35.87 | 13,888.94 | 14,927.60 | 1,038.66 |
| 204.91 | 101.62 | 104.40 | 146.33 | 4.18 | 1,835.04 | 1,756.24 | (78.80) |
| 2,746.43 | 1,627.55 | 1,784.10 | 2,103.02 | 71.43 | 24,614.81 | 27,761.95 | 3,147.14 |
| 361.33 | 200.92 | 216.00 | 269.79 | 8.65 | 3,337.39 | 3,615.14 | 277.75 |
| 101,215.48 | 80,556.76 | 95,646.00 | 88,513.51 | 3,829.61 | 1,097,561.11 | 1,146,028.46 | 54,920.36<br>(6,453.01) |
| 27,082.64 | 19,281.31 | 22,049.40 | 22,171.68 | 882.84 | 270,508.83 | 270,508.83 | .......... |
| 6,342.66 | 136,890.77 | .......... | 5,162.97 | (2,585.58) | 265,801.61 | 265,801.61 | .......... |
| 4,131.05 | 2,366.80 | .......... | 2,705.40 | (2,126.87) | 34,541.58 | 34,541.58 | .......... |
| 138,771.83 | 239,095.64 | 117,695.40 | 118,553.56 | ......... | 1,668,413.13 | 1,716,880.48 | 54,920.36<br>(6,453.01) |

## GEORGIAN BAY

**Statement showing the net Credit or Charge to each Municipality in respect of and adjustments made during the year; also the net amount Credited ended October 31, 1942, and the accumulated amount standing**

| Municipality | Date commenced operating | Net credit or charge at October 31, 1941 | |
|---|---|---|---|
| | | Credit | Charge |
| | | $ c. | $ c. |
| Alliston | June 1918 | 1,971.95 | |
| Arthur | Dec. 1916 | 710.98 | |
| Barrie | April 1913 | 3,721.67 | |
| Beaverton | Nov. 1914 | 742.24 | |
| Beeton | Aug. 1918 | 777.45 | |
| Bradford | Oct. 1918 | 799.66 | |
| Brechin | Jan. 1915 | 320.87 | |
| Cannington | Nov. 1914 | 445.60 | |
| Chatsworth | Dec. 1915 | 230.27 | |
| Chesley | July 1916 | 266.66 | |
| Coldwater | Mar. 1913 | | 351.14 |
| Collingwood | Mar. 1913 | 8,101.65 | |
| Cookstown | May 1918 | 195.55 | |
| Creemore | Nov. 1914 | 929.05 | |
| Dundalk | Dec. 1915 | 258.47 | |
| Durham | Dec. 1915 | 148.17 | |
| Elmvale | June 1913 | 249.12 | |
| Elmwood | April 1918 | 256.65 | |
| Flesherton | Dec. 1915 | 107.76 | |
| Grand Valley | Dec. 1916 | 543.13 | |
| Gravenhurst | Nov. 1915 | 556.60 | |
| Hanover | Sept. 1916 | 73.51 | |
| Holstein | May 1916 | | 6.33 |
| Huntsville | Sept. 1916 | | 435.77 |
| Kincardine | Mar. 1921 | 3,573.51 | |
| Kirkfield | June 1920 | 98.34 | |
| Lucknow | Jan. 1921 | 1,669.52 | |
| Markdale | Mar. 1916 | 358.34 | |
| Meaford | Jan. 1924 | 2,448.46 | |
| Midland | July 1911 | 532.88 | |
| Mildmay | Dec. 1932 | 771.79 | |
| Mount Forest | Dec. 1915 | 282.24 | |
| Neustadt | Dec. 1918 | 525.01 | |
| Orangeville | July 1916 | 1,774.39 | |
| Owen Sound | Dec. 1915 | | 1,312.95 |

SYSTEM *G.B.—CREDIT OR CHARGE*

**power supplied to it to October 31, 1941, the cash receipts and payments thereon or Charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1942**

| Cash receipts and payments on account of such credits and charges, also adjustments made during the year | | Net amount credited or charged in respect of power supplied in the year ended October 31, 1942 | | Accumulated amount standing as a credit or charge on October 31, 1942 | |
|---|---|---|---|---|---|
| Credited | Charged | Credited | Charged | Credit | Charge |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| | 1,971.95 | 1,348.52 | | 1,348.52 | |
| | 710.98 | 54.55 | | 54.55 | |
| | 3,721.67 | 5,380.92 | | 5,380.92 | |
| | 742.24 | 83.02 | | 83.02 | |
| | 777.45 | 823.81 | | 823.81 | |
| | 799.66 | 864.24 | | 864.24 | |
| | 320.87 | 144.47 | | 144.47 | |
| | 445.60 | 387.19 | | 387.19 | |
| | 230.27 | 61.65 | | 61.65 | |
| | 266.66 | 246.37 | | 246.37 | |
| 351.14 | | | 347.47 | | 347.47 |
| | 8,101.65 | 9,940.49 | | 9,940.49 | |
| | 195.55 | 401.80 | | 401.80 | |
| | 929.05 | 459.83 | | 459.83 | |
| | 258.47 | 323.34 | | 323.34 | |
| | 148.17 | 1,074.12 | | 1,074.12 | |
| | 249.12 | 155.23 | | 155.23 | |
| | 256.65 | | 176.41 | | 176.41 |
| | 107.76 | 139.30 | | 139.30 | |
| | 543.13 | 368.95 | | 368.95 | |
| | 556.60 | | 1,346.61 | | 1,346.61 |
| | 73.51 | 741.00 | | 741.00 | |
| 6.33 | | | 200.26 | | 200.26 |
| 435.77 | | | 3,406.96 | | 3,406.96 |
| | 3,573.51 | 2,276.81 | | 2,276.81 | |
| | 98.34 | 64.60 | | 64.60 | |
| | 1,669.52 | 1,059.82 | | 1,059.82 | |
| | 358.34 | 372.70 | | 372.70 | |
| | 2,448.46 | 2,574.90 | | 2,574.90 | |
| | 532.88 | 3,737.96 | | 3,737.96 | |
| | 771.79 | 411.85 | | 411.85 | |
| | 282.24 | 1,523.39 | | 1,523.39 | |
| | 525.01 | 610.39 | | 610.39 | |
| | 1,774.39 | 1,698.75 | | 1,698.75 | |
| 1,475.77 | 162.82 | 2,180.65 | | 2,180.65 | |

## GEORGIAN BAY

**Statement showing the net Credit or Charge to each Municipality in respect of and adjustments made during the year; also the net amount Credited ended October 31, 1942, and the accumulated amount standing**

| Municipality | Date commenced operating | Net credit or charge at October 31, 1941 | |
|---|---|---|---|
| | | Credit | Charge |
| | | $ c. | $ c. |
| Paisley | Sept. 1923 | 894.38 | |
| Penetanguishene | July 1911 | 2,371.45 | |
| Port Elgin | Mar. 1931 | 167.52 | |
| Port McNicoll | Jan. 1915 | 14.54 | |
| Port Perry | Sept. 1922 | 1,042.76 | |
| Priceville | Mar. 1920 | 104.75 | |
| Ripley | Jan. 1921 | 937.86 | |
| Rosseau | July 1931 | 316.24 | |
| Shelburne | July 1916 | 301.91 | |
| Southampton | Feb. 1931 | 836.18 | |
| Stayner | Oct. 1913 | 403.97 | |
| Sunderland | Nov. 1914 | 524.63 | |
| Tara | Feb. 1918 | 86.29 | |
| Teeswater | Dec. 1920 | 849.58 | |
| Thornton | Nov. 1918 | 247.02 | |
| Tottenham | Oct. 1918 | 686.89 | |
| Uxbridge | Sept. 1922 | 2,119.02 | |
| Victoria Harbour | July 1914 | 96.48 | |
| Walkerton | Feb. 1931 | 1,536.19 | |
| Waubaushene | Dec. 1914 | 303.03 | |
| Wiarton | May 1931 | 2,709.05 | |
| Windermere | June 1930 | 407.70 | |
| Wingham | Dec. 1920 | 4,997.98 | |
| Woodville | Nov. 1914 | 634.78 | |
| Totals—Municipalities | | 56,031.69 | 2,106.19 |
| Totals—Rural power districts | | 50,802.94 | 303,592.33 |
| Grand totals | | 106,834.63 | 305,698.52 |

**power supplied to it to October 31, 1941, the cash receipts and payments thereon or Charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1942**

| Cash receipts and payments on account of such credits and charges, also adjustments made during the year | | Net amount credited or charged in respect of power supplied in the year ended October 31, 1942 | | Accumulated amount standing as a credit or charge on October 31, 1942 | |
|---|---|---|---|---|---|
| Credited | Charged | Credited | Charged | Credit | Charge |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| .............. | 894.38 | 325.56 | .............. | 325.56 | .............. |
| .............. | 2,371.45 | 2,648.87 | .............. | 2,648.87 | .............. |
| .............. | 167.52 | 623.37 | .............. | 623.37 | .............. |
| .............. | 14.54 | 105.64 | .............. | 105.64 | .............. |
| .............. | 1,042.76 | 443.49 | .............. | 443.49 | .............. |
| .............. | 104.75 | 131.87 | .............. | 131.87 | .............. |
| .............. | 937.86 | 768.68 | .............. | 768.68 | .............. |
| .............. | 316.24 | .............. | 896.50 | .............. | 896.50 |
| .............. | 301.91 | 493.82 | .............. | 493.82 | .............. |
| .............. | 836.18 | 1,443.14 | .............. | 1,443.14 | .............. |
| .............. | 403.97 | 377.82 | .............. | 377.82 | .............. |
| .............. | 524.63 | 252.70 | .............. | 252.70 | .............. |
| .............. | 86.29 | 136.10 | .............. | 136.10 | .............. |
| .............. | 849.58 | 25.23 | .............. | 25.23 | .............. |
| .............. | 247.02 | 184.55 | .............. | 184.55 | .............. |
| .............. | 686.89 | 492.98 | .............. | 492.98 | .............. |
| .............. | 2,119.02 | 861.40 | .............. | 861.40 | .............. |
| .............. | 96.48 | 105.94 | .............. | 105.94 | .............. |
| .............. | 1,536.19 | 1,303.70 | .............. | 1,303.70 | .............. |
| .............. | 303.03 | 221.33 | .............. | 221.33 | .............. |
| .............. | 2,709.05 | 1,038.66 | .............. | 1,038.66 | .............. |
| .............. | 407.70 | .............. | 78.80 | .............. | 78.80 |
| .............. | 4,997.98 | 3,147.14 | .............. | 3,147.14 | .............. |
| .............. | 634.78 | 277.75 | .............. | 277.75 | .............. |
| 2,269.01 | 56,194.51 | 54,920.36 | 6,453.01 | 54,920.36 | 6,453.01 |
| 2,519.97 | 13,861.17 | 4,252.66 | 73,557.99 | 53,007.10 | 386,443.02 |
| 4,788.98 | 70,055.68 | 59,173.02 | 80,011.00 | 107,927.46 | 392,896.03 |

## GEORGIAN BAY SYSTEM

### Sinking Fund

**Statement showing Sinking Fund paid by each Municipality in the periods mentioned hereunder as part of the cost of power delivered thereto, together with its proportionate share of other sinking funds provided out of other revenues of the system, and interest allowed thereon, to October 31, 1942**

| Municipality | Period of years ended Oct. 31, 1942 | Amount | Municipality | Period of years ended Oct. 31, 1942 | Amount |
|---|---|---|---|---|---|
| | | $ c. | | | $ c. |
| Alliston | 19 years | 28,164.80 | Mildmay | 10 years | 4,222.51 |
| Arthur | 21 " | 22,838.61 | Mount Forest | 22 " | 39,156.42 |
| Barrie | 24 " | 185,866.79 | Neustadt | 19 " | 7,388.13 |
| Beaverton | 23 " | 24,236.10 | Orangeville | 21 " | 53,251.83 |
| Beeton | 19 " | 18,279.86 | Owen Sound | 22 " | 254,604.73 |
| Bradford | 19 " | 21,545.62 | Paisley | 18 " | 13,062.84 |
| Brechin | 23 " | 8,864.21 | Penetanguishene | 26 " | 74,596.98 |
| Cannington | 23 " | 18,250.77 | Port Elgin | 12 " | 15,222.26 |
| Chatsworth | 22 " | 5,382.55 | Port McNicoll | 23 " | 7,444.69 |
| Chesley | 21 " | 43,058.11 | Port Perry | 18 " | 21,058.26 |
| Coldwater | 24 " | 17,411.19 | Priceville | 18 " | 1,128.18 |
| Collingwood | 24 " | 162,282.09 | Ripley | 18 " | 9,336.22 |
| Cookstown | 19 " | 6,444.78 | Rosseau | 12 " | 4,263.28 |
| Creemore | 23 " | 14,089.40 | Shelburne | 21 " | 22,585.25 |
| Dundalk | 22 " | 15,199.96 | Southampton | 12 " | 13,670.10 |
| Durham | 22 " | 36,601.77 | Stayner | 24 " | 19,821.53 |
| Elmvale | 24 " | 17,626.37 | Sunderland | 23 " | 11,865.16 |
| Elmwood | 19 " | 4,955.33 | Tara | 19 " | 9,993.83 |
| Flesherton | 22 " | 7,707.46 | Teeswater | 18 " | 14,545.55 |
| Grand Valley | 21 " | 14,230.25 | Thornton | 19 " | 3,941.41 |
| Gravenhurst | 22 " | 36,105.74 | Tottenham | 19 " | 12,574.43 |
| Hanover | 21 " | 96,739.61 | Uxbridge | 18 " | 22,705.39 |
| Holstein | 21 " | 3,154.05 | Victoria Harbour | 23 " | 7,633.32 |
| Huntsville | 21 " | 71,028.76 | Walkerton | 12 " | 24,362.04 |
| Kincardine | 18 " | 51,120.73 | Waubaushene | 23 " | 5,334.57 |
| Kirkfield | 18 " | 3,760.37 | Wiarton | 12 " | 17,412.66 |
| Lucknow | 18 " | 23,654.95 | Windermere | 13 " | 2,914.63 |
| Markdale | 21 " | 12,278.94 | Wingham | 18 " | 44,210.14 |
| Meaford | 18 " | 36,473.45 | Woodville | 23 " | 11,577.95 |
| Midland | 24 " | 258,604.11 | | | |
| | | | Total—Municipalities | | $2,015,841.02 |
| | | | Total—Rural power districts | | 442,190.75 |
| | | | Grand total | | $2,458,031.77 |

## GEORGIAN BAY SYSTEM

### Rural Power Districts

### Operating Account for Year Ended October 31, 1942

| | | |
|---|---|---|
| Revenue from customers in rural power districts | | $604,965.50 |
| Cost of power as provided to be paid under Power Commission Act | $270,508.83 | |
| Cost of operation, maintenance and administration | 201,531.63 | |
| Interest | 119,181.42 | |
| Provision for renewals | 53,743.14 | |
| Provision for sinking fund | 29,305.81 | |
| | | 674,270.83 |
| Balance | | $ 69,305.33 |

## GEORGIAN BAY SYSTEM—RURAL LINES

### Statement showing Interest, Renewals, Contingencies, Obsolescence and Sinking Fund charged by the Commission to the Municipality which operates the rural line, for the year ended October 31, 1942

| Operated by | Capital cost | Interest | Provision for renewals | Provision for contingencies and obsolescence | Provision for sinking fund | Total interest, renewals, obsolescence, contingencies and sinking fund charged |
|---|---|---|---|---|---|---|
| | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| Brechin | 922.02 | 48.22 | 18.44 | 9.22 | 16.60 | 92.48 |

## GEORGIAN BAY SYSTEM—RURAL LINES

### Statement showing the total Sinking Fund paid in respect of this line, together with interest allowed thereon to October 31, 1942

| | Period of years ended October 31, 1942 | Amount |
|---|---|---|
| | | $ c. |
| Brechin | 24 years | 608.07 |

### EASTERN ONTARIO

**Statement showing the amount chargeable (upon annual adjustment) to each it by the Commission; the amount received by the Commission or charged to each Municipality in respect of power**

| Municipality | Interim rates per horsepower collected by Commission during year | | Share of capital cost of system | Average horse-power supplied in year after correction for power factor | Share of operating | | |
|---|---|---|---|---|---|---|---|
| | To Dec. 31, 1941 | From Jan. 1, 1942 | | | Cost of power purchased | Operating, maintenance and administrative expenses | Interest |
| | $ c. | $ c. | $ c. | | $ c. | $ c. | $ c. |
| Alexandria | 52.00 | 50.00 | 77,659.41 | 213.9 | 1,324.48 | 2,325.79 | 2,954.38 |
| Apple Hill | 44.00 | 44.00 | 12,535.79 | 45.1 | 279.26 | 453.03 | 469.73 |
| Arnprior | 30.00 | 28.00 | 167,579.72 | 1,112.0 | 6,885.54 | 6,669.90 | 5,676.98 |
| Athens | 45.00 | 45.00 | 38,185.90 | 117.6 | 728.18 | 1,150.48 | 1,444.07 |
| Bath | 50.00 | 50.00 | 13,935.37 | 39.4 | 243.97 | 451.88 | 530.98 |
| Belleville | 26.00 | 26.00 | 1,117,055.06 | 7,010.3 | 43,408.01 | 38,488.05 | 38,565.44 |
| Bloomfield | 47.00 | 45.00 | 35,044.45 | 111.2 | 688.55 | 1,283.36 | 1,311.40 |
| Bowmanville | 31.00 | 31.00 | 519,073.36 | 2,662.7 | 16,487.53 | 19,472.81 | 18,499.15 |
| Brighton | 32.00 | 32.00 | 74,077.32 | 347.0 | 2,148.64 | 2,200.66 | 2,688.03 |
| Brockville | 26.00 | 26.00 | 760,194.77 | 4,551.4 | 28,182.42 | 27,891.35 | 26,594.88 |
| Cardinal | 30.00 | 30.00 | 51,895.50 | 296.1 | 1,833.46 | 2,026.61 | 1,804.82 |
| Carleton Place | 28.00 | 28.00 | 308,133.51 | 1,752.8 | 10,853.40 | 10,443.24 | 10,815.94 |
| Chesterville | 33.00 | 33.00 | 58,278.46 | 277.0 | 1,715.19 | 2,696.79 | 2,105.84 |
| Cobden | 55.00 | 52.00 | 27,849.39 | 82.9 | 513.32 | 1,085.78 | 1,051.86 |
| Cobourg | 31.00 | 31.00 | 433,476.49 | 2,271.2 | 14,063.35 | 16,416.75 | 15,409.45 |
| Colborne | 33.50 | 33.50 | 46,603.29 | 200.9 | 1,243.98 | 1,492.63 | 1,704.03 |
| Deseronto | 46.00 | 43.00 | 47,199.46 | 171.4 | 1,061.31 | 1,955.98 | 1,807.27 |
| Finch | 42.00 | 41.00 | 24,545.37 | 90.6 | 561.00 | 1,094.11 | 908.64 |
| Hastings | 42.00 | 41.00 | 25,976.91 | 99.0 | 613.01 | 1,152.99 | 958.12 |
| Havelock | 46.50 | 45.00 | 44,803.43 | 131.4 | 813.63 | 1,514.61 | 1,699.02 |
| Iroquois | 27.50 | 27.50 | 37,283.30 | 231.7 | 1,434.69 | 1,529.86 | 1,288.14 |
| Kemptville | 35.00 | 35.00 | 82,278.70 | 358.4 | 2,219.22 | 2,859.66 | 3,006.48 |
| Kingston | 28.00 | 28.00 | 2,168,864.91 | 12,802.8 | 79,275.36 | 72,849.31 | 75,598.23 |
| Lakefield | 37.00 | 35.00 | 58,025.46 | 318.6 | 1,972.78 | 2,139.91 | 2,027.15 |
| Lanark | 40.00 | 40.00 | 23,512.65 | 84.2 | 521.37 | 939.46 | 878.72 |
| Lancaster | 55.00 | 52.00 | 17,467.28 | 45.7 | 282.98 | 580.14 | 666.70 |
| Lindsay | 33.00 | 33.00 | 798,618.06 | 3,649.8 | 22,599.68 | 28,895.70 | 25,584.03 |
| Madoc | 46.50 | 45.00 | 51,245.78 | 188.3 | 1,165.96 | 3,113.70 | 1,817.65 |
| Marmora | 38.00 | 38.00 | 32,115.40 | 127.3 | 788.25 | 1,169.03 | 1,184.00 |
| Martintown | 40.00 | 38.00 | 7,807.02 | 34.8 | 215.48 | 370.04 | 281.76 |
| Maxville | 48.00 | 47.00 | 32,755.39 | 102.0 | 631.59 | 985.84 | 1,237.50 |
| Millbrook | 42.00 | 40.00 | 20,656.35 | 84.3 | 521.99 | 828.88 | 749.56 |
| Morrisburg | 32.50 | 32.50 | 45,941.37 | 232.0 | 1,436.55 | 1,783.56 | 1,645.18 |
| Napanee | 30.00 | 30.00 | 240,833.34 | 1,321.4 | 8,182.15 | 10,175.70 | 8,511.09 |
| Newcastle | 33.50 | 33.50 | 45,735.13 | 200.6 | 1,242.12 | 1,600.54 | 1,599.74 |

**SYSTEM** *E.O.—COST OF POWER*

**Municipality as the Cost—under Power Commission Act—of Power supplied to from each Municipality, and the amount remaining to be credited supplied to it in the year ended October 31, 1942**

| costs and fixed charges | | | | Cost in excess of revenue from power sold to private companies | Amount charged to each municipality in respect of power supplied to it in the year | Amount received from (or billed against) each municipality by the Commission | Amount remaining to be credited or charged to each municipality Credited (Charged) |
|---|---|---|---|---|---|---|---|
| Provision for renewals | Provision for contingencies and obsolescence | Provision for stabilization of rates | Provision for sinking fund | | | | |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 1,236.49 | 559.39 | 641.70 | 760.13 | 30.42 | 9,832.78 | 10,781.04 | 948.26 |
| 183.94 | 111.58 | 135.30 | 119.85 | 6.41 | 1,759.10 | 1,983.29 | 224.19 |
| 1,713.06 | 2,278.53 | 3,336.00 | 1,469.19 | 158.13 | 28,187.33 | 31,507.16 | 3,319.83 |
| 589.60 | 292.98 | 352.80 | 370.42 | 16.72 | 4,945.25 | 5,292.02 | 346.77 |
| 202.60 | 99.04 | 118.20 | 136.12 | 5.60 | 1,788.39 | 1,969.18 | 180.79 |
| 8,800.75 | 13,807.16 | 21,030.90 | 9,873.98 | 996.91 | 174,971.20 | 182,267.05 | 7,295.85 |
| 486.11 | 272.91 | 333.60 | 339.06 | 15.81 | 4,730.80 | 5,040.17 | 309.37 |
| 5,227.34 | 5,602.13 | 7,988.10 | 4,742.63 | 378.65 | 78,398.34 | 82,543.20 | 4,144.86 |
| 811.32 | 771.66 | 1,041.00 | 686.55 | 49.35 | 10,397.21 | 11,104.28 | 707.07 |
| 8,465.10 | 9,417.99 | 13,654.20 | 6,778.68 | 647.24 | 121,631.86 | 118,337.26 | (3,294.60) |
| 594.21 | 631.47 | 888.30 | 463.90 | 42.11 | 8,284.88 | 8,882.00 | 597.12 |
| 3,567.97 | 3,682.05 | 5,258.40 | 2,772.70 | 249.26 | 47,642.96 | 49,077.17 | 1,434.21 |
| 756.04 | 616.82 | 831.00 | 539.36 | 39.39 | 9,300.43 | 9,139.65 | (160.78) |
| 434.25 | 213.92 | 248.70 | 270.92 | 11.79 | 3,830.54 | 4,350.74 | 520.20 |
| 4,282.73 | 4,780.70 | 6,813.60 | 3,952.64 | 322.98 | 66,042.20 | 70,406.92 | 4,364.72 |
| 544.03 | 464.92 | 602.70 | 436.61 | 28.57 | 6,517.47 | 6,731.55 | 214.08 |
| 642.24 | 429.62 | 514.20 | 466.26 | 24.37 | 6,901.25 | 7,456.52 | 555.27 |
| 356.96 | 215.46 | 271.80 | 234.16 | 12.88 | 3,655.01 | 3,730.50 | 75.49 |
| 328.33 | 233.79 | 297.00 | 246.87 | 14.08 | 3,844.19 | 4,078.82 | 234.63 |
| 642.28 | 336.11 | 394.20 | 436.38 | 18.69 | 5,854.92 | 5,948.38 | 93.46 |
| 402.51 | 479.71 | 695.10 | 330.12 | 32.95 | 6,193.08 | 6,370.84 | 177.76 |
| 1,115.04 | 811.91 | 1,075.20 | 769.90 | 50.97 | 11,908.38 | 12,545.16 | 636.78 |
| 18,648.77 | 25,545.43 | 38,408.40 | 19,389.00 | 1,820.64 | 331,535.14 | 358,479.07 | 26,943.93 |
| 545.07 | 654.72 | 955.80 | 525.14 | 45.31 | 8,865.88 | 11,257.09 | 2,391.21 |
| 345.61 | 203.84 | 252.60 | 224.92 | 11.97 | 3,378.49 | 3,366.02 | (12.47) |
| 281.68 | 122.14 | 137.10 | 171.62 | 6.50 | 2,248.86 | 2,403.54 | 154.68 |
| 7,313.80 | 7,670.28 | 10,949.40 | 6,579.04 | 519.03 | 110,110.96 | 120.444.96 | 10,334.00 |
| 620.86 | 443.85 | 564.90 | 467.64 | 26.78 | 8,221.34 | 8,525.40 | 304.06 |
| 396.42 | 305.12 | 381.90 | 303.87 | 18.10 | 4,546.69 | 4,835.50 | 288.81 |
| 104.61 | 79.28 | 104.40 | 72.83 | 4.95 | 1.233.35 | 1,334.90 | 101.55 |
| 504.09 | 257.95 | 306.00 | 317.43 | 14.51 | 4,254.91 | 4,812.30 | 557.39 |
| 250.29 | 196.22 | 252.90 | 194.79 | 11.99 | 3,006.62 | 3,402.95 | 396.33 |
| 575.34 | 521.29 | 696.00 | 421.26 | 32.99 | 7,112.17 | 7,539.53 | 427.36 |
| 2,264.39 | 2,745.57 | 3,964.20 | 2,179.98 | 187.91 | 38,210.99 | 39.641.00 | 1,430.01 |
| 496.27 | 448.55 | 601.80 | 411.24 | 28.53 | 6,428.79 | 6,719.28 | 290.49 |

## EASTERN ONTARIO

**Statement showing the amount chargeable (upon annual adjustment) to each it by the Commission; the amount received by the Commission or charged to each Municipality in respect of power**

| Municipality | Interim rates per horsepower collected by Commission during year | | Share of capital cost of system | Average horse-power supplied in year after correction for power factor | Share of operating | | |
|---|---|---|---|---|---|---|---|
| | To Dec. 31, 1941 | From Jan. 1, 1942 | | | Cost of power purchased | Operating, maintenance and administrative expenses | Interest |
| | $ c. | $ c. | $ c. | | $ c. | $ c. | $ c. |
| Norwood | 35.50 | 35.50 | 28,778.73 | 134.2 | 830.97 | 1,366.59 | 1,039.23 |
| Omemee | 35.00 | 35.00 | 38,381.41 | 167.2 | 1,035.31 | 1,318.20 | 1,405.23 |
| Orono | 40.00 | 38.00 | 23,405.32 | 86.1 | 533.13 | 791.40 | 836.34 |
| Oshawa | 30.50 | 30.50 | 3,385,725.11 | 17,109.3 | 105,941.35 | 120,814.73 | 119,035.66 |
| Ottawa | ....... | ....... | 964.70 | 19,749.4 | 217,243.58 | 131.23 | 39.76 |
| Ottawa | 20.50 | 20.50 | 1,794,087.07 | 14,518.2 | 89,897.18 | 74,010.25 | 59,065.29 |
| Perth | 28.00 | 28.00 | 282,738.09 | 1,673.6 | 10,362.99 | 10,195.79 | 9,851.58 |
| Peterborough | 26.00 | 26.00 | 2,004,252.13 | 12,069.2 | 74,732.89 | 67,643.89 | 69,817.07 |
| Picton | 39.50 | 38.00 | 281,851.53 | 1,095.5 | 6,783.37 | 10,536.15 | 10,369.06 |
| Port Hope | 31.00 | 31.00 | 440,462.30 | 2,336.5 | 14,467.69 | 19,317.53 | 15,631.34 |
| Prescott | 26.50 | 26.50 | 223,874.81 | 1,304.3 | 8,076.27 | 8,126.15 | 7,751.27 |
| Richmond | 50.00 | 47.00 | 22,109.77 | 68.5 | 424.15 | 752.81 | 827.63 |
| Russell | 46.00 | 46.00 | 21,400.07 | 65.3 | 404.34 | 959.36 | 809.33 |
| Smiths Falls | 25.00 | 25.00 | 399,436.53 | 2,623.0 | 16,241.70 | 14,509.67 | 13,710.49 |
| Stirling | 27.00 | 27.00 | 44,553.66 | 272.0 | 1,684.23 | 1,697.57 | 1,546.07 |
| Trenton | 24.00 | 24.00 | 744,040.19 | 4,806.5 | 29,762.01 | 24,723.73 | 25,632.90 |
| Tweed | 45.00 | 45.00 | 66,190.86 | 233.3 | 1,444.60 | 3,732.35 | 2,467.93 |
| Warkworth | 40.00 | 38.00 | 18,894.87 | 73.7 | 456.35 | 908.52 | 691.77 |
| Wellington | 38.00 | 38.00 | 49,675.76 | 199.4 | 1,234.69 | 1,867.95 | 1,829.41 |
| Westport | 55.00 | 52.00 | 40,014.42 | 93.9 | 581.43 | 1,083.45 | 1,540.03 |
| Whitby | 30.50 | 30.50 | 280,852.30 | 1,451.3 | 8,986.50 | 10,014.00 | 9,986.39 |
| Williamsburg | 30.00 | 30.00 | 19,052.41 | 99.1 | 613.63 | 758.88 | 679.14 |
| Winchester | 31.00 | 31.00 | 62,070.70 | 323.7 | 2,004.36 | 2,732.91 | 2,208.21 |
| Totals—Municipalities | | | 17,820,055.84 | 121,919.0 | 849,881.12 | 648,081.24 | 619,847.09 |
| Totals—Rural power districts | | | 2,506,635.18 | 13,180.9 | 98,660.06 | 85,127.73 | 90,565.56 |
| Totals—Companies | | | 6,572,468.96 | 35,945.7 | 296,040.86 | 198,331.23 | 228,893.58 |
| Totals—Local distribution systems | | | 115,073.94 | 464.8 | 2,878.05 | 6,967.06 | 4,256.63 |
| | | | 27,014,233.92 | | | | |
| Non-operating capital | | | 8,846.41 | | | | |
| Grand totals | | | 27,023,080.33 | 171,510.4 | 1,247,460.09 | 938,507.26 | 943,562.86 |

**SYSTEM** *E.O.—COST OF POWER*

**Municipality as the Cost—under Power Commission Act—of Power supplied to**
**from each Municipality, and the amount remaining to be credited**
**supplied to it in the year ended October 31, 1942**

| costs and fixed charges | | | | Cost in excess of revenue from power sold to private companies | Amount charged to each municipality in respect of power supplied to it in the year | Amount received from (or billed against) each municipality by the Commission | Amount remaining to be credited or charged to each municipality Credited (Charged) |
|---|---|---|---|---|---|---|---|
| Provision for renewals | Provision for contingencies and obsolescence | Provision for stabilization of rates | Provision for sinking fund | | | | |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 316.37 | 300.83 | 402.60 | 266.89 | 19.08 | 4,542.56 | 4,763.50 | 220.94 |
| 444.65 | 379.70 | 501.60 | 359.09 | 23.78 | 5,467.56 | 5,853.18 | 385.62 |
| 288.51 | 201.97 | 258.30 | 216.26 | 12.24 | 3,138.15 | 3,305.36 | 167.21 |
| 33,695.45 | 35,815.12 | 51,327.90 | 30,530.30 | 2,433.06 | 499,593.57 | 521,833.39 | 22,239.82 |
| 19.30 | 4.82 | .......... | 10.16 | .......... | 217,448.85 | 217,448.85 | .......... |
| 14,537.61 | 27,836.54 | 43,554.60 | 14,985.20 | 2,064.58 | 325,951.25 | 297,622.05 | (28,329.20) |
| 3,177.31 | 3,492.93 | 5,020.80 | 2,526.61 | 238.00 | 44,866.01 | 46,861.04 | 1,995.03 |
| 16,770.82 | 23,974.98 | 36,207.60 | 17,851.88 | 1,716.32 | 308,715.45 | 313,799.63 | 5,084.18 |
| 3,521.08 | 2,478.72 | 3,286.50 | 2,672.76 | 155.79 | 39,803.43 | 41,918.90 | 2,115.47 |
| 4,296.31 | 4,885.88 | 7,009.50 | 4,008.60 | 332.27 | 69,949.12 | 72,432.79 | 2,483.67 |
| 2,491.25 | 2,728.65 | 3,912.90 | 1,977.00 | 185.48 | 35,248.97 | 34,564.62 | (684.35) |
| 341.63 | 170.36 | 205.50 | 214.46 | 9.74 | 2,946.28 | 3,256.51 | 310.23 |
| 331.46 | 164.57 | 195.90 | 207.83 | 9.29 | 3,082.08 | 3,005.33 | (76.75) |
| 4,105.87 | 5,348.35 | 7,869.00 | 3,499.81 | 373.01 | 65,657.90 | 65,574.82 | (83.08) |
| 365.71 | 539.81 | 816.00 | 395.88 | 38.68 | 7,083.95 | 7,343.57 | 259.62 |
| 5,597.08 | 9,394.43 | 14,419.50 | 6,539.85 | 683.52 | 116,753.02 | 115,355.52 | (1,397.50) |
| 873.21 | 549.20 | 699.90 | 634.14 | 33.18 | 10,434.51 | 10,498.16 | 63.65 |
| 235.55 | 170.27 | 221.10 | 179.11 | 10.48 | 2,873.15 | 2,827.23 | (45.92) |
| 608.38 | 456.46 | 598.20 | 469.37 | 28.36 | 7,092.82 | 7,575.30 | 482.48 |
| 661.29 | 269.16 | 281.70 | 396.07 | 13.35 | 4,826.48 | 4,932.34 | 105.86 |
| 2,802.76 | 2,994.14 | 4,353.90 | 2,560.54 | 206.38 | 41,904.61 | 44,264.76 | 2,360.15 |
| 234.32 | 219.70 | 297.30 | 173.92 | 14.09 | 2,990.98 | 2,972.00 | (18.98) |
| 761.55 | 705.62 | 971.10 | 566.08 | 46.03 | 9,995.86 | 10,035.21 | 39.35 |
| 170,207.57 | 208,386.30 | 306,508.80 | 158,697.00 | 14,529.20 | 2,976,138.32 | 3,050,348.50 | 108,313.81<br>(34,103.63) |
| 28,365.11 | 28,127.50 | 39.542.70 | 23,139.13 | 1,874.41 | 395,402.20 | 395,402.20 | .......... |
| 64,767.26 | 231,358.07 | .......... | 57,491.72 | (23,482.86) | 1,053,399.86 | 1,053,399.86 | .......... |
| 1,517.09 | 975.77 | .......... | 1,087.55 | 7,079.25 | 24,761.40 | 24,761.40 | .......... |
| 264,857.03 | 468,847.64 | 346,051.50 | 240,415.40 | .......... | 4,449,701.78 | 4,523,911.96 | 108,313.81<br>(34,103.63) |

## EASTERN ONTARIO

**Statement showing the net Credit or Charge to each Municipality in respect of and adjustments made during the year; also the net amount Credited ended October 31, 1942, and the accumulated amount standing**

| Municipality | Date commenced operating | Net credit or charge at October 31, 1941 | |
|---|---|---|---|
| | | Credit | Charge |
| | | $ c. | $ c. |
| Alexandria | Jan. 1921 | 1,005.23 | .............. |
| Apple Hill | April 1921 | .............. | 29.36 |
| Arnprior | Jan. 1939 | 4,189.15 | .............. |
| Athens | Jan. 1929 | 341.96 | .............. |
| Bath | Nov. 1931 | 135.96 | .............. |
| Belleville | April 1929 | 4,702.68 | .............. |
| Bloomfield | April 1919 | 641.17 | .............. |
| Bowmanville | Oct. 1931 | 3,776.48 | .............. |
| Brighton | Nov. 1929 | .............. | 52.25 |
| Brockville | April 1915 | .............. | 3,382.76 |
| Cardinal | July 1930 | 530.16 | .............. |
| Carleton Place | May 1919 | 2,108.69 | .............. |
| Chesterville | April 1914 | 292.23 | .............. |
| Cobden | Nov. 1925 | 433.83 | .............. |
| Cobourg | Jan. 1932 | 3,687.26 | .............. |
| Colborne | Jan. 1933 | 256.92 | .............. |
| Deseronto | Jan. 1931 | 988.12 | .............. |
| Finch | Feb. 1928 | 397.06 | .............. |
| Hastings | June 1931 | 416.03 | .............. |
| Havelock | Feb. 1921 | 475.94 | .............. |
| Iroquois | Feb. 1940 | 205.38 | .............. |
| Kemptville | Dec. 1921 | 398.64 | .............. |
| Kingston | Nov. 1937 | 17,499.28 | .............. |
| Lakefield | Aug. 1920 | 1,416.34 | .............. |
| Lanark | Sept. 1921 | 84.21 | .............. |
| Lancaster | May 1921 | 286.44 | .............. |
| Lindsay | Mar. 1928 | 9,899.94 | .............. |
| Madoc | Jan. 1930 | 657.21 | .............. |
| Marmora | Jan. 1921 | 281.57 | .............. |
| Martintown | May 1921 | 184.80 | .............. |
| Maxville | Feb. 1921 | 298.48 | .............. |
| Millbrook | Dec. 1938 | 611.38 | .............. |
| Morrisburg | June 1938 | 164.81 | .............. |
| Napanee | Nov. 1929 | 1,236.58 | .............. |
| Newcastle | Jan. 1937 | 553.95 | .............. |

**SYSTEM** *E.O.—CREDIT OR CHARGE*

**power supplied to it to October 31, 1941, the cash receipts and payments thereon or Charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1942**

| Cash receipts and payments on account of such credits and charges, also adjustments made during the year | | Net amount credited or charged in respect of power supplied in the year ended October 31, 1942 | | Accumulated amount standing as a credit or charge on October 31, 1942 | |
|---|---|---|---|---|---|
| Credited | Charged | Credited | Charged | Credit | Charge |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| .............. | 1,005.23 | 948.26 | .............. | 948.26 | .............. |
| 29.36 | .............. | 224.19 | .............. | 224.19 | .............. |
| .............. | 4,189.15 | 3,319.83 | .............. | 3,319.83 | .............. |
| .............. | 341.96 | 346.77 | .............. | 346.77 | .............. |
| .............. | 135.96 | 180.79 | .............. | 180.79 | .............. |
| .............. | 4,702.68 | 7,295.85 | .............. | 7,295.85 | .............. |
| .............. | 641.17 | 309.37 | .............. | 309.37 | .............. |
| .............. | 3,776.48 | 4,144.86 | .............. | 4,144.86 | .............. |
| 52.25 | .............. | 707.07 | .............. | 707.07 | .............. |
| 3,382.76 | .............. | .............. | 3,294.60 | .............. | 3,294.60 |
| .............. | 530.16 | 597.12 | .............. | 597.12 | .............. |
| .............. | 2,108.69 | 1,434.21 | .............. | 1,434.21 | .............. |
| .............. | 292.23 | .............. | 160.78 | .............. | 160.78 |
| .............. | 433.83 | 520.20 | .............. | 520.20 | .............. |
| .............. | 3,687.26 | 4,364.72 | .............. | 4,364.72 | .............. |
| .............. | 256.92 | 214.08 | .............. | 214.08 | .............. |
| .............. | 988.12 | 555.27 | .............. | 555.27 | .............. |
| .............. | 397.06 | 75.49 | .............. | 75.49 | .............. |
| .............. | 416.03 | 234.63 | .............. | 234.63 | .............. |
| .............. | 475.94 | 93.46 | .............. | 93.46 | .............. |
| .............. | 205.38 | 177.76 | .............. | 177.76 | .............. |
| .............. | 398.64 | 636.78 | .............. | 636.78 | .............. |
| .............. | 17,499.28 | 26,943.93 | .............. | 26,943.93 | .............. |
| .............. | 1,416.34 | 2,391.21 | .............. | 2,391.21 | .............. |
| .............. | 84.21 | .............. | 12.47 | .............. | 12.47 |
| .............. | 286.44 | 154.68 | .............. | 154.68 | .............. |
| .............. | 9,899.94 | 10,334.00 | .............. | 10,334.00 | .............. |
| .............. | 657.21 | 304.06 | .............. | 304.06 | .............. |
| .............. | 281.57 | 288.81 | .............. | 288.81 | .............. |
| .............. | 184.80 | 101.55 | .............. | 101.55 | .............. |
| .............. | 298.48 | 557.39 | .............. | 557.39 | .............. |
| .............. | 611.38 | 396.33 | .............. | 396.33 | .............. |
| .............. | 164.81 | 427.36 | .............. | 427.36 | .............. |
| .............. | 1,236.58 | 1,430.01 | .............. | 1,430.01 | .............. |
| .............. | 553.95 | 290.49 | .............. | 290.49 | .............. |

## EASTERN ONTARIO

**Statement showing the net Credit or Charge to each Municipality in respect of and adjustments made during the year; also the net amount Credited ended October 31, 1942, and the accumulated amount standing**

| Municipality | Date commenced operating | Net credit or charge at October 31, 1941 | |
|---|---|---|---|
| | | Credit | Charge |
| | | $ c. | $ c. |
| Norwood | Feb. 1921 | 282.55 | .............. |
| Omemee | Jan. 1940 | 11.44 | .............. |
| Orono | Nov. 1938 | 478.50 | .............. |
| Oshawa | Feb. 1929 | 27,720.96 | .............. |
| Ottawa | Jan. 1914 | .............. | 23,024.02 |
| Perth | Feb. 1919 | 2,264.01 | .............. |
| Peterborough | Mar. 1913 | 3,293.35 | .............. |
| Picton | April 1919 | 5,145.98 | .............. |
| Port Hope | Nov. 1929 | 3,067.98 | .............. |
| Prescott | Dec. 1913 | .............. | 699.64 |
| Richmond | Aug. 1928 | 552.26 | .............. |
| Russell | Feb. 1926 | 190.22 | .............. |
| Smiths Falls | Sept. 1918 | .............. | 763.83 |
| Stirling | Jan. 1930 | 172.58 | .............. |
| Trenton | Sept. 1931 | .............. | 1,804.77 |
| Tweed | Dec. 1930 | 816.97 | .............. |
| Warkworth | Oct. 1923 | 438.48 | .............. |
| Wellington | April 1919 | 463.92 | .............. |
| Westport | Nov. 1931 | 581.52 | .............. |
| Whitby | Jan. 1926 | 2,200.64 | .............. |
| Williamsburg | April 1915 | 71.96 | .............. |
| Winchester | Jan. 1914 | 373.83 | .............. |
| Totals—Municipalities | | 106,285.03 | 29,756.63 |
| Totals—Rural power districts | | 337,073.58 | 216,943.17 |
| Grand totals | | 443,358.61 | 246,699.80 |

**SYSTEM** *E.O.—CREDIT OR CHARGE*

**power supplied to it to October 31, 1941, the cash receipts and payments thereon
or Charged to each Municipality in respect of power supplied in the year
as a Credit or Charge to each Municipality at October 31, 1942**

| Cash receipts and payments on account of such credits and charges, also adjustments made during the year | | Net amount credited or charged in respect of power supplied in the year ended October 31, 1942 | | Accumulated amount standing as a credit or charge on October 31, 1942 | |
|---|---|---|---|---|---|
| Credited | Charged | Credited | Charged | Credit | Charge |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| .............. | 282.55 | 220.94 | .............. | 220.94 | .............. |
| .............. | 11.44 | 385.62 | .............. | 385.62 | .............. |
| .............. | 478.50 | 167.21 | .............. | 167.21 | .............. |
| .............. | 27,720.96 | 22,239.82 | .............. | 22,239.82 | .............. |
| 23,024.02 | .............. | .............. | 28,329.20 | .............. | 28,329.20 |
| .............. | 2,264.01 | 1,995.03 | .............. | 1,995.03 | .............. |
| .............. | 3,293.35 | 5,084.18 | .............. | 5,084.18 | .............. |
| .............. | 5,145.98 | 2,115.47 | .............. | 2,115.47 | .............. |
| .............. | 3,067.98 | 2,483.67 | .............. | 2,483.67 | .............. |
| 699.64 | .............. | .............. | 684.35 | .............. | 684.35 |
| .............. | 552.26 | 310.23 | .............. | 310.23 | .............. |
| .............. | 190.22 | .............. | 76.75 | .............. | 76.75 |
| 763.83 | .............. | .............. | 83.08 | .............. | 83.08 |
| .............. | 172.58 | 259.62 | .............. | 259.62 | .............. |
| 1,804.77 | .............. | .............. | 1,397.50 | .............. | 1,397.50 |
| .............. | 816.97 | 63.65 | .............. | 63.65 | .............. |
| .............. | 438.48 | .............. | 45.92 | .............. | 45.92 |
| .............. | 463.92 | 482.48 | .............. | 482.48 | .............. |
| .............. | 581.52 | 105.86 | .............. | 105.86 | .............. |
| .............. | 2,200.64 | 2,360.15 | .............. | 2,360.15 | .............. |
| .............. | 71.96 | .............. | 18.98 | .............. | 18.98 |
| .............. | 373.83 | 39.35 | .............. | 39.35 | .............. |
| 29,756.63 | 106,285.03 | 108,313.81 | 34,103.63 | 108,313.81 | 34,103.63 |
| 14,453.65 | 11,043.71 | 75,106.39 | 49,919.79 | 414,547.83 | 265,820.88 |
| 44,210.28 | 117,328.74 | 183,420.20 | 84,023.42 | 522,861.64 | 299,924.51 |

## EASTERN ONTARIO SYSTEM

### Sinking Fund

**Statement showing Sinking Fund paid by each Municipality in the periods mentioned hereunder as part of the cost of power delivered thereto, together with its proportionate share of other sinking funds provided out of other revenues of the system, and interest allowed thereon, to October 31, 1942**

| Municipality | Period of years ended Oct. 31, 1942 | Amount | Municipality | Period of years ended Oct. 31, 1942 | Amount |
|---|---|---|---|---|---|
| | | $ c. | | | $ c. |
| Alexandria | 18 years | 34,838.29 | Maxville | 18 years | 11,083.06 |
| Apple Hill | 18 “ | 3,864.99 | Millbrook | 4 “ | 969.59 |
| Arnprior | 4 “ | 7,719.60 | Morrisburg | 5 “ | 2,238.75 |
| Athens | 14 “ | 7,526.78 | Napanee | 13 “ | 49,727.82 |
| Bath | 11 “ | 2,514.64 | Newcastle | 6 “ | 2,590.79 |
| Belleville | 14 “ | 207,564.84 | Norwood | 14 “ | 7,069.70 |
| Bloomfield | 14 “ | 7,428.67 | Omemee | 3 “ | 1,357.98 |
| Bowmanville | 11 “ | 75,037.32 | Orono | 4 “ | 1,076.36 |
| Brighton | 13 “ | 13,734.01 | Oshawa | 14 “ | 636,203.02 |
| Brockville | 22 “ | 201,212.55 | Ottawa | 27 “ | 234,831.68 |
| Cardinal | 13 “ | 7,014.95 | Perth | 18 “ | 81,054.51 |
| Carleton Place | 18 “ | 91,977.57 | Peterborough | 14 “ | 373,576.39 |
| Chesterville | 23 “ | 30,760.42 | Picton | 14 “ | 62,922.52 |
| Cobden | 7 “ | 1,914.26 | Port Hope | 13 “ | 69,740.60 |
| Cobourg | 11 “ | 58,265.37 | Prescott | 23 “ | 57,014.87 |
| Colborne | 10 “ | 5,220.30 | Richmond | 15 “ | 3,567.73 |
| Deseronto | 12 “ | 8,599.57 | Russell | 17 “ | 6,510.50 |
| Finch | 15 “ | 5,233.11 | Smiths Falls | 19 “ | 117,662.10 |
| Hastings | 12 “ | 4,510.65 | Stirling | 13 “ | 10,365.59 |
| Havelock | 14 “ | 14,052.04 | Trenton | 11 “ | 98,101.40 |
| Iroquois | 3 “ | 1,293.90 | Tweed | 12 “ | 11,691.26 |
| Kemptville | 18 “ | 24,053.22 | Warkworth | 14 “ | 4,592.84 |
| Kingston | 5 “ | 115,352.93 | Wellington | 14 “ | 11,818.24 |
| Lakefield | 14 “ | 15,444.07 | Westport | 11 “ | 5,948.43 |
| Lanark | 18 “ | 7,227.32 | Whitby | 14 “ | 60,261.15 |
| Lancaster | 18 “ | 7,059.21 | Williamsburg | 22 “ | 7,258.26 |
| Lindsay | 14 “ | 116,528.66 | Winchester | 23 “ | 22,627.88 |
| Madoc | 13 “ | 9,465.10 | | | |
| Marmora | 14 “ | 6,720.26 | Total—Municipalities | | $3,046,431.97 |
| Martintown | 18 “ | 2,434.35 | Total—Rural power districts | | 732,772.08 |
| | | | Grand total | | $3,779,204.05 |

## EASTERN ONTARIO SYSTEM

### Rural Power Districts

### Operating Account for Year Ended October 31, 1942

| | | |
|---|---|---|
| Revenue from customers in rural power districts | | $1,067,573.12 |
| Cost of power provided to be paid under Power Commission Act | $395,402.20 | |
| Cost of operation, maintenance and administration | 333,888.71 | |
| Interest | 180,417.66 | |
| Provision for renewals | 86,582.02 | |
| Provision for sinking fund | 46,095.93 | |
| | | 1,042,386.52 |
| Balance | | $25,186.60 |

## THUNDER BAY

**Statement showing the amount chargeable (upon annual adjustment) to each it by the Commission; the amount received by the Commission or charged to each Municipality in respect of power**

| Municipality | Interim rates per horsepower collected by Commission during year | Share of capital cost of system | Average horsepower supplied in year after correction for power factor | Share of operating | | |
|---|---|---|---|---|---|---|
| | To Oct. 31, 1942 | | | Operating, maintenance and administrative expense | Interest | Provision for renewals |
| | $ c. | $ c. | | $ c. | $ c. | $ c. |
| Fort William......... | 21.00 | 2,936,547.76 | 14,861.1 | 50,959.84 | 143,593.31 | 26,205.69 |
| Nipigon Township.... | 28.00 | 32,834.37 | 187.6 | 1,598.29 | 1,594.78 | 272.05 |
| Port Arthur......... | 21.00 | 3,242,582.04 | 16,456.2 | 56,279.74 | 158,188.79 | 28,881.08 |
| Totals—Municipalities........... | | 6,211,964.17 | 31,504.9 | 108,837.87 | 303,376.88 | 55,358.82 |
| Totals—Rural power districts..... | | 150,487.59 | 631.1 | 2,365.90 | 7,341.51 | 1,494.06 |
| Totals—Companies.............. | | 10,375,667.53 | 54,398.0 | 174,599.97 | 507,452.16 | 88,226.51 |
| Totals—Mining area—mines...... | | 2,769,601.45 | 11,978.7 | 52,907.17 | 135,541.69 | 14,324.22 |
| Totals—Mining area—townsites... | | 264,092.95 | 654.8 | 16,607.15 | 12,898.42 | 783.01 |
| Grand totals.................. | | 19,771,813.69 | 99,167.5 | 355,318.06 | 966,610.66 | 160,186.62 |

## THUNDER BAY

**Statement showing the net Credit or Charge to each Municipality in respect of adjustments made and interest added during the year; also the net amount in the year ended October 31, 1942, and the accumulated amount**

| Municipality | Date commenced operating | Net credit or charge at October 31, 1941 | |
|---|---|---|---|
| | | Credit | Charge |
| | | $ c. | $ c. |
| Fort William............................ | Oct. 1926 | 1,367.85 | .............. |
| Nipigon Township....................... | Jan. 1925 | 666.34 | .............. |
| Port Arthur............................ | Dec. 1910 | 20,120.82 | .............. |
| Total—Municipalities.................................. | | 22,155.01 | .............. |
| Total—Rural power districts.............................. | | .............. | 10,473.47 |
| | | 22,155.01 | 10,473.47 |

**SYSTEM** *T.B.—COST OF POWER*

**Municipality as the Cost—under Power Commission Act—of Power supplied to**
**from each Municipality, and the amount remaining to be credited**
**Supplied to it in the year ended October 31, 1942**

| costs and fixed charges | | | Revenue received in excess of cost of power sold to private companies Credit | Amount charged to each municipality in respect of power supplied to it in the year | Amount received from (or billed against) each municipality by the Commission | Amount remaining to be credited to each municipality |
|---|---|---|---|---|---|---|
| Provision for contingencies and obsolescence | Provision for stabilization of rates | Provision for sinking fund | | | | |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 28,615.14 | 22,291.65 | 30,920.37 | 4,814.46 | 297,771.54 | 312,083.12 | 14,311.58 |
| 341.64 | 281.40 | 345.73 | 60.78 | 4,373.11 | 5,251.63 | 878.52 |
| 31,640.73 | 24,684.30 | 34,142.75 | 5,331.22 | 328,486.17 | 345,579.31 | 17,093.14 |
| 60,597.51 | 47,257.35 | 65,408.85 | (10,206.46) | 630,630.82 | 662,914.06 | 32,283.24 |
| 1,342.25 | 946.65 | 1,580.57 | (204.45) | 14,866.49 | 14,866.49 | ......... |
| 113,902.64 | ........... | 107,768.19 | 10,410.91 | 1,002,360.38 | 1,002,360.38 | ........... |
| 103,607.85 | 89,616.01 | 19,834.10 | ........... | 415,831.04 | 415,831.04 | ........... |
| 16,133.53 | (585.78) | 1,084.20 | ........... | 46,920.53 | 46,920.53 | ........... |
| 295,583.78 | 137,234.23 | 195,675.91 | ........... | 2,110,609.26 | 2,142,892.50 | 32,283.24 |

**SYSTEM** *T.B.—CREDIT OR CHARGE*

**power supplied to it to October 31, 1941, the cash receipts and payments thereon,**
**Credited or Charged to each Municipality in respect of power supplied**
**standing as a Credit or Charge to each Municipality at October 31, 1942**

| Cash receipts and payments on account of such credits and charges, also adjustments made during the year | | Net amount credited or charged in respect of power supplied in the year ended October 31, 1942 | | Accumulated amount standing as a credit or charge on October 31, 1942 | |
|---|---|---|---|---|---|
| Credited | Charged | Credited | Charged | Credit | Charge |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| ............ | 1,367.85 | 14,311.58 | .............. | 14,311.58 | .............. |
| ............ | 666.34 | 878.52 | .............. | 878.52 | .............. |
| ............ | 20,120.82 | 17,093.14 | .............. | 17,093.14 | .............. |
| ............ | 22,155.01 | 32,283.24 | .............. | 32,283.24 | .............. |
| 212.05 | 459.00 | .............. | 2,106.38 | .............. | 12,826.80 |
| 212.05 | 22,614.01 | 32,283.24 | 2,106.38 | 32,283.24 | 12,826.80 |

## THUNDER BAY SYSTEM

**Statement showing Sinking Fund paid by each Municipality in the periods mentioned hereunder, as part of the cost of power delivered thereto, together with the proportionate share of other sinking funds provided out of other revenues of the system, and interest allowed thereon to October 31, 1942**

| Municipality | Period of years ended October 31, 1942 | Amount |
|---|---|---|
| | | $ c. |
| Fort William | 16 years | 822,705.14 |
| Nipigon township | 16 " | 7,422.93 |
| Port Arthur | 16 " | 2,494,278.32 |
| Total—Municipalities | | 3,324,406.39 |
| Total—Rural power districts | | 28,949.66 |
| Grand total | | 3,353,356.05 |

## THUNDER BAY SYSTEM

### Rural Power Districts

### Operating Account for Year Ended October 31, 1942

| | | |
|---|---|---|
| Revenue from customers in rural power districts | | $47,424.49 |
| Cost of power as provided to be paid under Power Commission Act | $14,866.49 | |
| Cost of operation, maintenance and administration | 14,994.87 | |
| Interest | 12,110.24 | |
| Provision for renewals | 4,952.03 | |
| Provision for sinking fund | 2,607.24 | |
| | | 49,530.87 |
| Balance | | $2,106.38 |

## NORTHERN ONTARIO PROPERTIES

(Operated by The Hydro-Electric Power Commission of Ontario)

## FINANCIAL ACCOUNTS

For the Year ended October 31, 1942

Relating to Power Properties which are held and operated by the Commission in trust for the Province of Ontario, and which are situated in the following Northern Districts:

Abitibi Sudbury Nipissing Patricia

## STATEMENTS

Balance Sheet as at October 31, 1942

Operating Account for the Year ended October 31, 1942

Schedules supporting the Balance Sheet as at October 31, 1942

- Fixed Assets—By Districts
- Renewals Reserves
- Contingencies and Obsolescence Reserves
- Sinking Fund Reserves

## NORTHERN ONTARIO

### Held and Operated by The Hydro-Electric Power

### BALANCE SHEET AS AT

### ASSETS

| | | | |
|---|---|---|---|
| FIXED ASSETS: | | | |
| Nipissing district | | $ 1,384,129.74 | |
| Sudbury district | | 4,473,796.94 | |
| Abitibi district | | 29,280,196.26 | |
| Patricia district | | 4,418,482.61 | |
| Rural power districts | | 807,266.74 | |
| | | $40,363,872.29 | |
| Less: Grants-in-aid of construction: | | | |
| Province of Ontario—for rural power districts | | 395,192.50 | $39,968,679.79 |
| CURRENT ASSETS: | | | |
| Employees' working funds | | $ 4,495.00 | |
| The Hydro-Electric Power Commission of Ontario—Current account | | 717,419.66 | |
| Sundry accounts receivable | | 59,712.77 | |
| Power accounts receivable | | 469,534.74 | |
| Interest accrued | | 15,234.38 | |
| Consumers' deposits—securities: | | | |
| Bonds at par value | $737,500.00 | | |
| Stocks at market value | 168,210.00 | | |
| | | 905,710.00 | |
| Prepayments | | 43,508.95 | 2,215,615.50 |
| INVENTORIES: | | | |
| Maintenance materials and supplies | | $ 117,745.67 | |
| Maintenance tools and equipment | | 83,280.63 | 201,026.30 |
| DEFERRED ASSETS: | | | |
| Work in progress—deferred work orders | | | 7,205.84 |
| UNAMORTIZED DISCOUNT ON DEBENTURES | | | 271,847.79 |
| RESERVE FUNDS INVESTMENTS | | | 1,609,265.31 |
| | | | $44,273,640.53 |

## PROPERTIES

**Commission of Ontario in Trust for the Province of Ontario**

**OCTOBER 31, 1942**

### LIABILITIES AND RESERVES

| | | |
|---|---|---|
| LONG TERM LIABILITIES: | | |
| Funded debt in the hands of the public | $22,958,000.00 | |
| Advances from the Province of Ontario for capital purposes | 5,906,960.22 | |
| | | $28,864,960.22 |
| CURRENT LIABILITIES: | | |
| Power accounts—credit balances | $ 2,159.62 | |
| Consumers' deposits | 918,545.41 | |
| Debenture interest accrued | 73,197.95 | |
| Miscellaneous accruals | 11,945.19 | |
| | | 1,005,848.17 |
| RESERVES: | | |
| Renewals | $ 3,141,543.42 | |
| Contingencies and obsolescence | 2,187,146.30 | |
| Miscellaneous | 272,112.75 | |
| | | 5,600,802.47 |
| SINKING FUND RESERVES: | | |
| Represented by: | | |
| Funded debt retired through sinking funds | $ 5,875,000.00 | |
| Provincial advances retired through sinking funds | 2,277,151.25 | |
| Available balance | 334,037.74 | |
| | | 8,486,188.99 |
| SURPLUS | | 315,840.68 |
| | | $44,273,640.53 |

**Auditors' Certificate**

We have examined the Accounts of the Northern Ontario Properties for the year ended the 31st October, 1942, and report that, in our opinion, the above Balance Sheet is properly drawn up so as to exhibit a true and correct view of the state of the affairs of Northern Ontario Properties at the 31st October, 1942, according to the best of our information and the explanations given to us and as shown by the books and records of the Properties. We have obtained all the information and explanations we have required.

OSCAR HUDSON & CO.,
Chartered Accountants,
Auditors

Dated at Toronto, Ontario,
22nd April, 1943.

## NORTHERN ONTARIO

**EMBRACING THE ABITIBI, SUDBURY,**
**NORTHERN RURAL**
**Held and Operated by The Hydro-Electric**
**In Trust for the**

**Operating Account for the**

### COST OF OPERATION

| | |
|---|---|
| Power purchased | $29,479.31 |
| Operating, maintenance and administrative expenses | 1,159,878.20 |
| Interest | 1,498,903.79 |
| Provision for renewals | 338,292.43 |
| Provision for contingencies and obsolescence | 387,266.85 |
| Provision for sinking fund | 1,131,092.19 |
| Total cost | $4,544,912.77 |
| Net income for year | 611,334.41 |
| | $5,156,247.18 |

## PROPERTIES

**NIPISSING, PATRICIA DISTRICTS AND POWER DISTRICTS**
**Power Commission of Ontario**
**Province of Ontario**

**Year Ended October 31, 1942**

### REVENUE

| | |
|---|---|
| Power sold to private companies and customers | $5,156,247.18 |
| | $5,156,247.18 |

### Surplus Account—as at October 31, 1942

| | | |
|---|---|---|
| Balance at credit November 1, 1941 | | $97,143.79 |
| Net income for the year ended October 31, 1942 | | 611,334.41 |
| Transferred from reserves—net | | 7,362.48 |
| Payment to Province of Ontario | $400,000.00 | |
| Balance at credit October 31, 1942 | 315,840.68 | |
| | $715,840.68 | $715,840.68 |

## NORTHERN ONTARIO PROPERTIES

### Held and Operated by The Hydro-Electric Power Commission of Ontario in Trust for the Province of Ontario

### Fixed Assets—October 31, 1942

| Property | Net capital expenditures in the year | Fixed Assets | | | |
|---|---|---|---|---|---|
| | | Under construction | In service | | Total |
| | | | Non-depreciable | Depreciable | |
| NIPISSING: | $ c. | $ c. | $ c. | $ c. | $ c. |
| Power Plants: | | | | | |
| South river: | | | | | |
| Nipissing | *1,273.65* | 14.92 | 11,089.60 | 239,167.90 | 250,272.42 |
| Bingham Chute | 4,850.81 | 5,456.46 | 12,130.05 | 234,371.72 | 251,958.23 |
| Elliot Chute | 1,172.46 | 1,516.57 | 119,307.09 | 335,149.71 | 455,973.37 |
| Storage dams | .......... | .......... | .......... | 76,122.70 | 76,122.70 |
| Miscellaneous | 710.50 | 710.50 | .......... | 386.14 | 1,096.64 |
| Intangible | .......... | .......... | 69,478.34 | .......... | 69,478.34 |
| | 5,460.12 | 7,698.45 | 212,005.08 | 885,198.17 | 1,104,901.70 |
| Transformer Stations | 7,360.40 | .......... | .......... | 29,914.97 | 29,914.97 |
| Transmission Lines | 5,070.43 | 1,496.27 | .......... | 211,260.42 | 212,756.69 |
| Local Systems | 364.47 | .......... | 2,219.65 | 34,336.73 | 36,556.38 |
| | 18,255.42 | 9,194.72 | 214,224.73 | 1,160,710.29 | 1,384,129.74 |
| SUDBURY: | | | | | |
| Power Plants: | | | | | |
| Wanapitei river: | | | | | |
| Coniston | *1,202.89* | .......... | 13,597.20 | 732,251.30 | 745,848.50 |
| McVitties | *771.85* | .......... | 13,323.00 | 389,078.21 | 402,401.21 |
| Stinson | 2,536.41 | 65.49 | 33,000.00 | 654,802.22 | 687,867.71 |
| Storage dam | .......... | .......... | 25.00 | 194,870.00 | 194,895.00 |
| Intangible | .......... | .......... | 830,514.53 | .......... | 830,514.53 |
| Sturgeon river: | | | | | |
| Crystal Falls and Storage dams | 67,282.53 | .......... | 44,481.27 | 936,473.04 | 980,954.31 |
| | 67,844.20 | 65.49 | 934,941.00 | 2,907,474.77 | 3,842,481.26 |
| Transformer Stations | *5,015.66* | .......... | .......... | 172,271.92 | 172,271.92 |
| Transmission Lines | *1,522.51* | 1,609.32 | .......... | 457,434.44 | 459,043.76 |
| | 61,306.03 | 1,674.81 | 934,941.00 | 3,537,181.13 | 4,473,796.94 |
| ABITIBI: | | | | | |
| Power Plants: | | | | | |
| Abitibi river: | | | | | |
| Abitibi Canyon | *31,641.21* | .......... | 5,530,862.63 | 13,933,383.81 | 19,464,246.44 |
| Frederick House dam | *50,012.00* | .......... | 268,435.95 | 685,483.97 | 953,919.92 |
| Dasserat Lake diversion | 17,246.78 | 22,855.08 | .......... | .......... | 22,855.08 |
| | *64,406.43* | 22,855.08 | 5,799,298.58 | 14,618,867.78 | 20,441,021.44 |
| Transformer Stations | 102,553.70 | 5,685.20 | 215,856.69 | 2,055,579.70 | 2,277,121.59 |
| Transmission Lines | 6,471.30 | 7,944.38 | 829,467.55 | 5,636,401.48 | 6,473,813.41 |
| Local Systems | 1,157.62 | .......... | .......... | 88,239.82 | 88,239.82 |
| | 45,776.19 | 36,484.66 | 6,844,622.82 | 22,399,088.78 | 29,280,196.26 |

## NORTHERN ONTARIO PROPERTIES

### Held and Operated by The Hydro-Electric Power Commission of Ontario in Trust for the Province of Ontario

### Fixed Assets—October 31, 1942

| Property | Net capital expenditures in the year | Fixed Assets | | | |
|---|---|---|---|---|---|
| | | Under construction | In service | | Total |
| | | | Non-depreciable | Depreciable | |
| **PATRICIA:** | $ c. | $ c. | $ c. | $ c. | $ c. |
| Power Plants: | | | | | |
| English river: | | | | | |
| Ear Falls | *1,825.54* | ........... | ............. | 1,814,138.99 | 1,814,138.99 |
| Albany river: | | | | | |
| Rat Rapids | *8,245.86* | ........... | 39,297.44 | 554,807.60 | 594,105.04 |
| | *10,071.40* | ........... | 39,297.44 | 2,368,946.59 | 2,408,244.03 |
| Transformer Stations | *610.66* | ........... | ............. | 161,890.02 | 161,890.02 |
| Transmission Lines | 3,828.03 | ........... | ............. | 1,800,095.78 | 1,800,095.78 |
| Local Systems | 2,752.60 | ........... | ............. | 48,252.78 | 48,252.78 |
| | *4,101.43* | ........... | 39,297.44 | 4,379,185.17 | 4,418,482.61 |
| **NORTHERN ONTARIO PROPERTIES—RURAL POWER DISTRICTS:** | | | | | |
| Transformer Stations | *354.55* | ........... | ............. | 10,820.23 | 10,820.23 |
| H-E.P.C. investments | 7,139.54 | ........... | ............. | 401,254.01 | 401,254.01 |
| Government grants | 6,839.35 | ........... | ............. | 395,192.50 | 395,192.50 |
| | 13,624.34 | ........... | ............. | 807,266.74 | 807,266.74 |

## SUMMARY

| Property | Net capital expenditures in the year | Fixed Assets | | | |
|---|---|---|---|---|---|
| | | Under construction | In service | | Total |
| | | | Non-depreciable | Depreciable | |
| | $ c. | $ c. | $ c. | $ c. | $ c. |
| Nipissing district | 18,255.42 | 9,194.72 | 214,224.73 | 1,160,710.29 | 1,384,129.74 |
| Sudbury district | 61,306.03 | 1,674.81 | 934,941.00 | 3,537,181.13 | 4,473,796.94 |
| Abitibi district | 45,776.19 | 36,484.66 | 6,844,622.82 | 22,399,088.78 | 29,280,196.26 |
| Patricia district | *4,101.43* | ........... | 39,297.44 | 4,379,185.17 | 4,418,482.61 |
| Rural power districts | 13,624.34 | ........... | ............. | 807,266.74 | 807,266.74 |
| | 134,860.55 | 47,354.19 | 8,033,085.99 | 32,283,432.11 | 40,363,872.29 |
| Less Grants in aid of construction: | | | | | |
| Province of Ontario for rural power districts | 6,839.35 | ........... | ............. | 395,192.50 | 395,192.50 |
| | 128,021.20 | 47,354.19 | 8,033,085.99 | 31,888,239.61 | 39,968,679.79 |

## NORTHERN ONTARIO PROPERTIES

### Embracing the Abitibi, Sudbury, Nipissing, Patricia and Rural Power Districts

### Held and Operated by The Hydro-Electric Power Commission of Ontario in trust for the Province of Ontario

### Renewals Reserve—October 31, 1942

| | | | |
|---|---|---|---|
| Balance at November 1, 1941 | | $2,702,399.91 | |
| Provision in the year | $338,292.43 | | |
| Interest at 4% on reserve balance | 108,096.00 | | |
| Adjustments in the year | 2,240.69 | | |
| | | 448,629.12 | |
| | | $3,151,029.03 | |
| Expenditures in the year | | 9,485.61 | |
| Balance at October 31, 1942 | | | $3,141,543.42 |

### Contingencies and Obsolescence Reserve—October 31, 1942

| | | | |
|---|---|---|---|
| Balance at November 1, 1941 | | $1,839,664.08 | |
| Provision in the year | $387,266.85 | | |
| Interest at 4% on reserve balance | 73,586.57 | | |
| Adjustment in the year | 814.22 | | |
| | | 461,667.64 | |
| | | $2,301,331.72 | |
| Contingencies met with during the year | | 114,185.42 | |
| Balance at October 31, 1942 | | | $2,187,146.30 |

### Sinking Fund Reserve—October 31, 1942

| | | | |
|---|---|---|---|
| Balance at November 1, 1941 | | $7,072,208.46 | |
| Provision in the year | $1,131,092.19 | | |
| Interest at 4% on reserve balance | 282,888.34 | | |
| | | 1,413,980.53 | |
| Balance at October 31, 1942 | | | $8,486,188.99 |

## THE HAMILTON STREET RAILWAY COMPANY

(A Subsidiary of The Hydro-Electric Power Commission of Ontario—
Niagara System)

# FINANCIAL ACCOUNTS

For the Year ended October 31, 1942

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Balance Sheet as at October 31, 1942

Operating and Income Accounts for the Year ended October 31, 1942

## THE HAMILTON STREET

### (A Subsidiary of The Hydro-Electric Power

### BALANCE SHEET AS AT

### ASSETS

| | | |
|---|---|---|
| FIXED ASSETS: | | |
| Properties, road and equipment, buses, franchise, etc. | | $ 4,406,850.35 |
| CURRENT ASSETS: | | |
| The Hydro-Electric Power Commission of Ontario—Current account | $ 115,587.86 | |
| Conductors' and employees' advances | 18,600.00 | |
| Accounts receivable | 2,564.52 | |
| Interest accrued | 225.00 | |
| Prepayments | 5,977.52 | |
| | | 142,954.90 |
| MATERIALS AND SUPPLIES | | 54,358.42 |
| INSURANCE RESERVE FUNDS—INVESTMENTS | | 104,637.62 |
| | | $ 4,708,801.29 |

## RAILWAY COMPANY

### Commission of Ontario—Niagara System)

### OCTOBER 31, 1942

### LIABILITIES

| | | |
|---|---|---|
| CAPITAL STOCK: | | |
| Authorized—80,000 shares at a par value of $50.00 each | $ 4,000,000.00 | |
| Issued —64,100 shares at a par value of $50.00 each | | $ 3,205,000.00 |
| CURRENT LIABILITIES: | | |
| Rentals accrued | | 1,252.00 |
| RESERVES: | | |
| Depreciation—road and equipment | $ 1,318,234.27 | |
| Insurance | 107,136.42 | |
| Miscellaneous | 63,810.25 | |
| | | 1,489,180.94 |
| SURPLUS | | 13,368.35 |
| | | $4,708,801.29 |

**Auditors' Certificate**

We have examined the Accounts of The Hamilton Street Railway Company for the year ended the 31st October, 1942, and report that, in our opinion, the above Balance Sheet is properly drawn up so as to exhibit a true and correct view of the state of the Company's affairs at the 31st October, 1942, according to the best of our information and the explanations given to us and as shown by the books of the Company. We have obtained all the information and explanations we have required.

OSCAR HUDSON & CO.,
Chartered Accountants,
Auditors.

Dated at Toronto, Ontario,
22nd April, 1943.

## THE HAMILTON STREET RAILWAY COMPANY

### (A Subsidiary of The Hydro-Electric Power Commission of Ontario—Niagara System)

### Operating Statement for the Year Ended October 31, 1942

| | |
|---|---|
| REVENUES: | |
| Transportation | $1,883,415.73 |
| Other operations | 14,918.82 |
| | $1,898,334.55 |
| EXPENSES: | |
| Maintenance of way and structures | 57,720.29 |
| Maintenance of equipment | 146,474.17 |
| Electric power and motor fuel | 177,571.60 |
| Transportation expenses | 405,446.38 |
| General and miscellaneous expenses | 134,766.62 |
| Taxes (municipal and franchise) | 98,526.06 |
| Depreciation provision | 235,462.26 |
| Amortization instalment on Commission's investment | 150,000.00 |
| Interest on Commission's investment | 123,737.66 |
| | $1,529,705.04 |
| NET REVENUE FOR YEAR | $ 368,629.51 |

### Surplus Account—as at October 31, 1942

| | | |
|---|---|---|
| Balance at credit October 31, 1941 | | $ 24,326.45 |
| Net revenue for year ended October 31, 1942 | | 368,629.51 |
| Adjustment of depreciation reserves | $ 401,373.10 | |
| Less—Distribution to Commission's amortization reserve | 250,000.00 | |
| | | 151,373.10 |
| Distribution:—Interest on capital met by the Commission—1933-1936, with improvement | $ 530,960.71 | |
| Balance at credit, October 31, 1942 | 13,368.35 | |
| | $ 544,329.06 | $ 544,329.06 |

# SECTION X

## MUNICIPAL ACCOUNTS

and

### Statistical Data Relating to Hydro-Electric Distribution Systems Operated by Individual Municipalities Served by The Hydro-Electric Power Commission of Ontario

The Municipal Accounts section of this report presents in summary, and individually, the results of the operation of the local electrical utilities in municipalities owning their own distributing systems and operating with energy supplied by or through The Hydro-Electric Power Commission.

Financial statements prepared from the books of these "Hydro" utilities are submitted herein to show how each has operated during the past year, and its financial status at the present time. Other tables give useful statistical information respecting average costs for the various classes of service and the rates in force.

The books of account of the electrical utilities in all municipalities which have contracted with The Hydro-Electric Power Commission of Ontario for a supply of power are kept in accordance with an accounting system designed by the Commission. During the year 1942 this standard method of accounting was installed in Grimsby.

Periodical inspections are made of the books of all "Hydro" electrical utilities and local officials are assisted in the improvement of their office routine with a view to standardizing, as far as possible, the methods employed. In the majority of the smaller municipalities much of the book-keeping for the electrical utilities is performed by representatives of the municipal accounting department of the Commission as a measure of economy. This arrangement insures the correct application of the standard accounting system, with resultant uniformity in classification of revenues and expenditures; secures true reflections of the actual operating results for the year, and greatly enhances the comparative values of the reports.

The first financial statement in this section presents consolidated balance sheets for each year since 1913, and thus shows the march of progress. It combines the balance sheets of the local municipal utilities of all the systems. It is worth noting that the total plant value has increased from $10,081,469.16

in 1913 to $102,086,459.14 in 1942, and the total assets from $11,907,826.86 to $185,546,238.94. The liabilities have not increased in the same proportion as the assets, rising from $10,468,351.79 to a maximum of $52,685,316.86 in 1932, and receding to $21,496,462.59 in 1942. The reasons for this are the regular fulfilment of debt retirement schedules under serial debenture provisions or by maturity of sinking funds, and also the fact that much of the cost of the increasing plant value has been financed out of reserves and surplus without increasing the capital liabilities of the respective utilities. By this procedure the funds of the systems are used to best advantage. Examination of the results will also show that there is a steady decline in the percentage of net liabilities to total assets; being from 88.0 per cent in 1913 to 11.9 per cent in 1942. The equities in The Hydro-Electric Power Commission's systems automatically acquired through the inclusion of sinking funds as part of the cost of power are not taken into account in arriving at these percentages.

The second financial statement presents consolidated operating reports for each year since "Hydro" service was inaugurated and combines the results from the local municipal utilities of all the systems. After providing for every cost of operation and fixed charges, including the standard provision for depreciation, the combined operating reports show a net surplus of $2,863,411.47 for 1942. (See also diagrams in Foreword to Report.)

The five statements, "A" to "E", following the two consolidated reports show the financial status of each municipal utility and the results of operations, giving classified information respecting revenue, operating costs, number of consumers and consumption, cost of power to municipalities, power and lighting rates charged to consumers, etc. In statements "A" and "B", the municipalities are arranged alphabetically under each system; in statement "D" the municipalities are arranged in three groups—cities, towns and small municipalities; in statements "C" and "E" all municipalities are arranged alphabetically. (Statement "C" suspended, see below.)

**Statement "A"** presents the balance sheet of each electrical utility. The plant values are shown under the general subdivisions specified in the standard accounting system and the other items on the positive side of the ledger which are included in total assets are self-explanatory.

In conformity with a policy of service at cost to the customer, refunds by cash or credit are made during the year in many municipalities from surplus funds accrued to the credit of municipal services, such as street lighting, water works, sewage disposal, etc. The total thus returned to customers during the year 1942 amounted in round figures to $396,000.00.

In each case the balance sheet includes the credit or charge representing the difference between the monthly payments for power at interim rates and the cost of power as ascertained by the Commission upon annual adjustment.*

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*In 1939 and 1940 a number of municipalities asked permission to take power cost adjustments into the following year, to facilitate the earlier closing of their books. This led to a lack of uniformity in operating statements, and in 1941 it was decided to put all municipalities' accounts on the same basis. On this account, from 1941 on, the Balance Sheet shows the previous year's equity in Hydro Commission properties; and the Cost of Power in the Operating Statement from 1941 on, includes the previous year's adjustments.

The reserves for depreciation, and the acquired equity in The Hydro-Electric Power Commission's systems, are listed individually and totalled; and under the heading "surplus" are included not only the free operating surplus but the accumulation of sinking fund applicable to debenture debt and also the amount of debentures already retired out of revenue.

The depreciation reserve now amounts to 31.3 per cent of the total depreciable plant, while the depreciation reserve and surplus combined have already reached the sum of $102,081,781.63, virtually 100 per cent of the total plant cost.

**Statement "B"** shows detailed operating reports for each municipal electrical utility. It gives annual revenues from the various classes of consumers; the items of expenditure which make up the total annual expenditure and the sums set aside for depreciation. The population served by each local utility and the number of consumers of each class are also shown.

The item "purchased power" in this statement includes the debit or credit balances ascertained by the annual adjustment of the cost of power supplied to the municipalities by the Commission.*

Of the 297 municipal electrical utilities included in this statement, 273 received from consumers revenue sufficient to meet in full all operating expenses, interest, debt retirement instalments, and standard depreciation reserve allocation and to yield an aggregate net surplus of $2,900,912.99 for the year; 19 were able to defray out of revenue all such charges except a portion of the standard depreciation allocation aggregating $17,564.07, in the case of 5 utilities the revenue was less than the total operating expenses, interest and debt requirement instalments by $19,937.45.

**Statement "C".** Due to street lighting restrictions by the Power Controller in 1942, this statement has been omitted as it could not be used for comparative purposes.

**Statement "D"** presents statistics relating to the supply of electrical energy to consumers in Ontario municipalities served by the Commission. It shows the revenue, kilowatt-hour consumption, number of consumers, average monthly consumption, average monthly bill and the net average cost per kilowatt-hour both for domestic and for commercial light service in each municipality. For power service this statement shows the revenue, the number of consumers and the average horsepower supplied by the municipal utility.† For further reference to this informative statement, consult the special introduction to it on page 300.

**Statement "E"** presents the cost per horsepower of the power provided for and delivered to the municipalities by the Commission, and the local rates to consumers in force in the respective municipalities, during the year 1942, for domestic service, for commercial light service and for power service.

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*See footnote on previous page.

†The statistics include retail power only. Wholesale industrial power as supplied by the Commission direct, is reported in Section IX.

## CONSOLIDATED

| YEAR | 1913 | 1914 | 1915 |
|---|---|---|---|
| Number of municipalities included | 45 | 69 | 99 |
| ASSETS | $ c. | $ c. | $ c. |
| Lands and buildings | 626,707.34 | 791,732.20 | 873,838.18 |
| Substation equipment | 1,090,875.69 | 1,476,087.84 | 1,582,062.56 |
| Distribution system—overhead | 2,690,834.74 | 3,422,763.93 | 4,234,626.05 |
| Distribution system—underground | 644,514.24 | 807,153.53 | 928,420.77 |
| Line transformers | 615,546.20 | 787,613.52 | 981,754.70 |
| Meters | 840,606.64 | 1,172,475.11 | 1,418,165.08 |
| Street lighting equipment—regular | 900,614.80 | 1,071,255.37 | 1,309,628.49 |
| Street lighting equipment—ornamental | 62,765.34 | 270,386.55 | 197,644.82 |
| Miscellaneous construction expenses | 866,551.89 | 2,062,035.90 | 1,701,182.66 |
| Steam or hydraulic plant | 1,401,175.28 | 420,108.33 | 461,651.60 |
| Old plant | 341,277.00 | 619,513.12 | 1,184,372.86 |
| Total plant | 10,081,469.16 | 12,901,125.40 | 14,873,347.77 |
| Bank and cash balance | 450,887.97 | 422,350.12 | 284,653.96 |
| Securities and investments | ............ | ............ | ............ |
| Accounts receivable | 344,487.95 | 561,873.08 | 602,920.69 |
| Inventories | 540,274.58 | 615,226.76 | 726,556.76 |
| Sinking fund on local debentures | 431,747.27 | 625,217.03 | 868,983.78 |
| Equity in H-E.P.C. systems | ............ | ............ | ............ |
| Other assets | 58,959.93 | 123,410.97 | 326,801.11 |
| Total assets | 11,907,826.86 | 15,249,203.36 | 17,683,264.07 |
| LIABILITIES | | | |
| Debenture balance | 8,711,308.37 | 10,678,078.36 | 11,831,811.03 |
| Accounts payable | 1,553,711.45 | 1,682,150.29 | 2,040,038.01 |
| Bank overdraft | 160,919.16 | 228,622.50 | 292,106.44 |
| Other liabilities | 42,412.81 | 113,838.66 | 37,388.31 |
| Total liabilities | 10,468,351.79 | 12,702,689.81 | 14,201,343.79 |
| RESERVES | | | |
| For equity in H-E.P.C. systems | ............ | ............ | ............ |
| For depreciation | 478,145.88 | 850,618.07 | 1,337,739.73 |
| Other reserves | ............ | ............ | ............ |
| Total reserves | 478,145.88 | 850,618.07 | 1,337,739.73 |
| SURPLUS | | | |
| Debentures paid | 202,751.26 | 320,129.10 | 394,466.22 |
| Local sinking fund | 431,747.27 | 625,217.03 | 868,983.78 |
| Operating surplus | 326,830.66 | 750,549.35 | 880,730.55 |
| Total surplus | 961,329.19 | 1,695,895.48 | 2,144,180.55 |
| Total liabilities, reserves and surplus | 11,907,826.86 | 15,249,203.36 | 17,683,264.07 |
| Percentage of net debt to total assets | 88.0 | 88.3 | 80.3 |

NOTE—In computing the "percentage of net debt to total assets" the ornamental street lighting capital, sinking fund on local debentures, and equity in H-E.P.C. systems, are excluded

## BALANCE SHEET

| 1916 | 1917 | 1918 | 1919 | 1920 | 1921 |
|---|---|---|---|---|---|
| 128 | 143 | 166 | 191 | 195 | 215 |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 1,335,936.33 | 1,546,241.41 | 1,859,888.69 | 1,995,545.83 | 2,175,568.24 | 3,230,985.63 |
| 1,934,626.12 | 2,471,293.82 | 2,820,488.70 | 2,915,125.56 | 3,231,050.80 | 5,403,689.90 |
| 4,832,353.27 | 6,090,073.42 | 6,627,237.39 | 7,445,820.31 | 8,579,881.49 | 8,397,361.48 |
| 1,095,709.62 | 1,157,059.90 | 1,216,288.59 | 1,206,296.88 | 1,313,369.29 | 1,401,135.97 |
| 1,179,132.07 | 1,483,839.44 | 1,772,691.35 | 2,073,113.45 | 2,560,581.59 | 3,077,649.83 |
| 1,711,299.49 | 1,999,095.48 | 2,238,143.70 | 2,587,566.32 | 3,053,135.20 | 3,552,076.79 |
| 1,251,057.13 | 1,237,734.69 | 1,200,625.65 | 1,206,638.71 | 1,269,006.98 | 1,335,997.13 |
| 306,388.95 | 361,975.74 | 531,502.61 | 546,497.68 | 557,678.13 | 610,586.70 |
| 2,059,263.42 | 2,184,015.84 | 2,395,096.50 | 2,530,101.08 | 2,697,636.12 | 3,030,134.16 |
| 864,500.01 | 896,753.20 | 214,575.75 | 986,200.57 | 757,194.47 | 704,848.46 |
| 759,748.66 | 649,852.51 | 1,476,413.00 | 805,959.89 | 864,298.39 | 912,388.55 |
| 17,330,015.07 | 20,077,935.45 | 22,352,951.93 | 24,298,866.28 | 27,059,400.70 | 31,656,854 60 |
| 1,061,029.90 | 340,026.50 | 391,194.91 | 462,437.23 | 943,858.12 | 900,842.34 |
| .............. | .............. | .............. | 627,076.53 | 341,855.88 | 477,678.69 |
| 695,152.23 | 1,285,097.33 | 1,124,018.44 | 1,921,166.69 | 2,022,538.88 | 2,155,788.62 |
| 764,504.59 | 1,261,398.36 | 972,996.96 | 1,032,569.75 | 1,400,671.89 | 1,504,596.28 |
| 1,166,017.73 | 1,337,578.96 | 1,663,298.05 | 1,925,455.77 | 2,244,004.34 | 2,541,718.35 |
| .............. | .............. | .............. | 369,071.89 | 577,584.06 | 795,570.51 |
| 342,215.87 | 125,240.05 | 444,787.63 | 86,216.05 | 25,447.07 | 78,929.84 |
| 21,358,935.39 | 24,427,276.65 | 26,949,247.92 | 30,722,860.19 | 34,615,360.94 | 40,111,979 23 |
| 15,058,641.57 | 15,593,773.61 | 17,209,217.70 | 18,133,462.44 | 19,268,072.04 | 21,619,220.99 |
| 969,187.75 | 1,537,669.11 | 1,007,727.79 | 1,420,926.66 | 1,840,137.54 | 1,887,567.93 |
| 178,413.26 | 886,177.94 | 576,816.49 | 403,235.57 | 514,671.99 | 989,099.98 |
| 491,874.90 | 429,104.20 | 350,013.21 | 670,271.90 | 642,293.65 | 938,368.84 |
| 16,698,117.48 | 18,446,724.86 | 19,143,775.19 | 20,627,896.57 | 22,265,175.22 | 25,434,257.74 |
| .............. | .............. | .............. | 373,871.89 | 577,584.06 | 800.249.05 |
| 1,843,804.68 | 2,463,723.83 | 3,133,550.17 | 3,750,162.28 | 4,788,645.03 | 5,491,858.93 |
| .............. | .............. | .............. | .............. | .............. | .............. |
| 1,843,804.68 | 2,463,723.83 | 3,133,550.17 | 4,124,034.17 | 5,366,229.09 | 6,292,107.98 |
| 549,778.59 | 694,797.90 | 920,076.56 | 1,328,657.68 | 1,440,156.52 | 1,860,079.53 |
| 1,165,785.94 | 1,340,615.38 | 1,662,602.69 | 1,754,020.37 | 2,246,474.47 | 2,541,718.35 |
| 1,101,448.70 | 1,481,414.68 | 2,089,243.31 | 2,888,251.40 | 3,297,325.64 | 3,983,815.63 |
| 2,817,013.23 | 3,516,827.96 | 4,671,922.56 | 5,970,929.45 | 6,983,956.63 | 8,385,613.51 |
| 21,358,935.39 | 24,427,276.65 | 26,949,247.92 | 30,722,860.19 | 34,615,360.94 | 40,111,979.23 |
| 78.4 | 75.5 | 71.0 | 67.9 | 65.4 | 64.7 |

from assets and the total liabilities are reduced by the amount of the local sinking fund reserve, and the liability in respect to the ornamental street lighting capital, which amount is included in other liabilities.

## CONSOLIDATED

| YEAR | 1922 | 1923 | 1924 |
|---|---|---|---|
| Number of municipalities included | 226 | 235 | 248 |
| ASSETS | $ c. | $ c. | $ c. |
| Lands and buildings | 3,334,522.68 | 4,488,054.93 | 4,561,648.92 |
| Substation equipment | 5,046,857.98 | 6,015,919.75 | 6,800,238.00 |
| Distribution system—overhead | 11,165,330.24 | 13,135,581.76 | 14,182,190.33 |
| Distribution system—underground | 1,598,053.02 | 1,959,120.41 | 2,873,446.13 |
| Line transformers | 3,618,684.73 | 4,211,655.89 | 4,456,669.02 |
| Meters | 4,033,689.52 | 4.548,933.73 | 5,149.629 71 |
| Street lighting equipment—regular | 1,419,016.05 | 1,061,473.85 | 1,134,491.77 |
| Street lighting equipment—ornamental | 666,084.50 | 708,431.22 | 728,298.08 |
| Miscellaneous construction expenses | 3,261,495.74 | 3,681,274.88 | 4,168,262.21 |
| Steam or hydraulic plant | 565,158.54 | 566,619.86 | 4,196,803.45 |
| Old plant | 7,997,947.87 | 8,051,496.28 | 5,587,420.31 |
| Total plant | 42,706,840.87 | 48,428,562.56 | 53,839.097.93 |
| Bank and cash balance | 1,164,336.24 | 1,276,140.06 | 1,748,912.34 |
| Securities and investments | 443,938.18 | 1,153,424.47 | 1,329,622.58 |
| Accounts receivable | 3,874,317.14 | 3,198,769.34 | 3,898,751.89 |
| Inventories | 1,738,795.96 | 1,819.711.62 | 1,745,628.16 |
| Sinking fund on local debentures | 3,416,231.45 | 3,896,261.28 | 4,520,723.06 |
| Equity in H-E.P.C. systems | 1,543,434.12 | 2,929,603.94 | 5,420,567.58 |
| Other assets | 238,940.13 | 190,071.63 | 250,292.77 |
| Total assets | 55,126.834,09 | 62,892,544.90 | 72,753,596.31 |
| LIABILITIES | | | |
| Debenture balance | 30,454.186.12 | 33,056,501.29 | 38,005,162.50 |
| Accounts payable | 3,699,292.52 | 3,708,781.76 | 3,117,224.08 |
| Bank overdraft | 456,706.69 | 680,714.59 | 162,100.71 |
| Other liabilities | 586,203.02 | 1,517,828.47 | 1,780,564.27 |
| Total liabilities | 35,196,388.35 | 38,963,826.11 | 43.065.051.56 |
| RESERVES | | | |
| For equity in H-E.P.C. systems | 1,543,434.12 | 2,929,603.94 | 5,420,567.58 |
| For depreciation | 6,512,813.92 | 7,328,858.69 | 8,097,834.68 |
| Other reserves | ............... | ............... | ............... |
| Total reserves | 8,056,248.04 | 10,258,462.63 | 13,518,402.26 |
| SURPLUS | | | |
| Debentures paid | 3,104,591.15 | 2,852,038.38 | 3,530,610.35 |
| Local sinking fund | 3,416,231.45 | 3,896,261.28 | 4,520,723.06 |
| Operating surplus | 5,353,375.10 | 6,921,956.50 | 8,118,809.08 |
| Total surplus | 11,874,197.70 | 13,670,256.16 | 16,170,142.49 |
| Total liabilities, reserves and surplus | 55,126,834.09 | 62,892,544.90 | 72,753,596.31 |
| Percentage of net debt to total assets | 63.3 | 62.6 | 61.4 |

## BALANCE SHEET—Continued

| 1925 | 1926 | 1927 | 1928 | 1929 | 1930 |
|---|---|---|---|---|---|
| 247 | 251 | 252 | 256 | 260 | 267 |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 5,768,855.99 | 6,111,162.54 | 6,486,426.89 | 7,024,646.76 | 7,469,451.46 | 7,936,974.31 |
| 8,543,166.55 | 9,505,501.77 | 15,088,905.14 | 16,866,186.21 | 18,102,792.13 | 19,485,056.28 |
| 16,837,535.57 | 18,654,240.54 | 16,689,462.41 | 17,688,050.68 | 18,108,016.82 | 19,220,326.48 |
| 3,388,837.09 | 3,689,569.95 | 3,278,382.58 | 3,559,288.16 | 4,823,369.60 | 4,932,189.05 |
| 5,079,754.23 | 5,538,605.24 | 5,985,521.37 | 6,549,674.64 | 7,312,742.17 | 7,953,090.23 |
| 5,533,483.92 | 5,963,162.51 | 6,346,660.59 | 6,839,802.90 | 7,405,478.91 | 7,840,948.07 |
| 1,256,916.53 | 1,309,608.30 | 1,399,314.06 | 1,486,646.24 | 1,594,183.25 | 1,780,785.67 |
| 893,186.48 | 1,103,660.23 | 1,184,035.82 | 1,203,706.65 | 1,458,349.64 | 1,520,891.01 |
| 4,485,110.96 | 3,456,777.71 | 3,360,671.09 | 3,394,626.92 | 3,483,487.78 | 3,996,747.77 |
| 568,912.49 | 628,909.57 | 607,320.00 | 619,880.93 | 489,097.67 | 139,587.28 |
| 4,549,142.46 | 4,655,422.59 | 5,095,555.90 | 5,032,089.26 | 5,093,378.75 | 5,322,690.14 |
| 56,904,902.27 | 60,616,620.95 | 65,522,255.85 | 70,264,599.35 | 75,340,348.08 | 80,129,286.29 |
| 1,700,145.30 | 2,136,290.79 | 3,014,832.48 | 1,342,367.07 | 858,733.68 | 2,722,250.12 |
| 1,095,662.92 | 1,400,316.43 | 1,696,237.66 | 1,837,140.51 | 2,001,088.81 | 1,909,439.11 |
| 3,417,558.86 | 3,508,817.87 | 3,715,770.72 | 4,097,446.13 | 4,683,201.97 | 4,481,006.92 |
| 1,711,504.13 | 1,397,667.83 | 1,412,729.41 | 1,220,186.10 | 1,365,033.58 | 1.242,994.51 |
| 5,202,451.70 | 5,599,675.01 | 6,398,909.77 | 7,071,273.69 | 7,753,613.88 | 8,396,255.47 |
| 7,551,588.70 | 8,046,868.53 | 10,143,205.66 | 12,326,097.56 | 14,754,865.40 | 17,346,372.44 |
| 137,280.05 | 33,151.81 | 31,942.45 | 153,275.04 | 152,260.86 | 173,030.05 |
| 77,721,093.93 | 82,739,409.22 | 91,935,884.00 | 98,312,385.45 | 106,909,146.26 | 116,400,634.91 |
| 37,919,225.01 | 39,602,533.48 | 42,891,361.57 | 42,597,175.78 | 42,930,127.74 | 45,091,808.06 |
| 3,139,067.92 | 3,118,684.78 | 2,988,621.90 | 3,074,634.25 | 3,132,145.03 | 3,001,186.21 |
| 226,147.82 | 163,725.53 | 252,362.52 | 253,143.81 | 412,056.69 | 405,663.14 |
| 1,075,914.83 | 1,087,795.08 | 1,154,810.24 | 1,258,610.23 | 1,621,378.17 | 1,642,771.59 |
| 42,360,355.58 | 43,972,738.87 | 47,287,156.23 | 47,183,564.07 | 48,095,707.63 | 50,141,429.00 |
| 7,551,588.70 | 8,046,868.53 | 10,143,205.66 | 12,326,097.56 | 14,754,865.40 | 17,346,372.44 |
| 8,699,437.68 | 9,360,322.27 | 10,319,889.05 | 11,140,795.68 | 11,911,154.49 | 12,885,387.51 |
| 1,157,147.20 | 947,970.23 | 1,002,916.69 | 1,117,257.63 | 1,437,371.26 | 1,574,655.74 |
| 17,408,173.58 | 18,355,161.03 | 21,466,011.40 | 24,584,150.87 | 28,103,391.15 | 31,806,415.69 |
| 4,440,138.34 | 5,493,879.83 | 6,648,767.38 | 7,928,907.61 | 9,194,253.59 | 10,728,279.15 |
| 5,202,451.70 | 5,599,675.01 | 6,398,909.77 | 7,071,273.69 | 7,962,121.20 | 8,396,255.47 |
| 8,309,974.73 | 9,317,954.48 | 10,135,039.22 | 11,544,489.21 | 13,553,672.69 | 15,328,255.60 |
| 17,952,564.77 | 20,411,509.32 | 23,182,716.37 | 26,544,670.51 | 30,710,047.48 | 34,452,790.22 |
| 77,721,093.93 | 82,739,409.22 | 91,935,884.00 | 98,312,385.45 | 106,909,146.26 | 116,400,634.91 |
| 57.2 | 55.5 | 54.2 | 50.8 | 47.8 | 46.0 |

## CONSOLIDATED

| YEAR | 1931 | 1932 | 1933 |
|---|---|---|---|
| Number of municipalities included | 275 | 280 | 282 |
| ASSETS | $ c. | $ c. | $ c. |
| Lands and buildings | 8,407,664.48 | 9,503,743.78 | 10,186,471.28 |
| Substation equipment | 21,013,956.74 | 22,288,781.68 | 22,306,800.94 |
| Distribution system—overhead | 19,918,355.76 | 20,866,767.32 | 21,152,681.20 |
| Distribution system—underground | 5,361,627.24 | 5,820,056.75 | 5,945,225.61 |
| Line transformers | 8,649,875.07 | 9,392,662.62 | 9,478,605.14 |
| Meters | 8,106,202.88 | 8,403,251.67 | 8,514,165.03 |
| Street lighting equipment—regular | 2,205,613.18 | 2,257,618.20 | 2,381,599.40 |
| Street lighting equipment—ornamental | 1,456,742.91 | 1,545,354.93 | 1,458,443.68 |
| Miscellaneous construction expenses | 3,827,132.05 | 4,120,926.11 | 4,040,859.74 |
| Steam or hydraulic plant | 458,374.05 | 498,231.69 | 502,978.62 |
| Old plant | 7,146,437.96 | 4,989,654.97 | 5,016,755.92 |
| Other plants not distributed | ............... | 200,000.00 | 200,000.00 |
| Total plant | 86,551,982.32 | 89,887,049.72 | 91,184,586.56 |
| Bank and cash balance | 2,738,319.67 | 3,185,442.00 | 1,696,489.24 |
| Securities and investments | 1,999,846.42 | 2,059,325.10 | 2,163,785.20 |
| Accounts receivable | 3,957,972.78 | 3,683,059.42 | 3,746,910.92 |
| Inventories | 1,276,531.01 | 1,232,209.52 | 1,226,043.30 |
| Sinking fund on local debentures | 8,735,050.84 | 9,099,210.61 | 9,386,176.58 |
| Equity in H-E.P.C. systems | 20,103,275.76 | 23,066,129.81 | 26,045,679.00 |
| Other assets | 174,879.28 | 163,637.79 | 253,581.84 |
| Total assets | 125,537,858.08 | 132,376,063.97 | 135,703,252.64 |
| LIABILITIES | | | |
| Debenture balance | 44,594,400.03 | 45,133,305.97 | 42,606,145.29 |
| Accounts payable | 5,382,306.13 | 3,512,724.58 | 3,320,485.45 |
| Bank overdraft | 312,575.54 | 298,910.20 | 206,398.00 |
| Other liabilities | 1,909,986.13 | 3,740,376.11 | 3,787,725.14 |
| Total liabilities | 52,199,267.83 | 52,685,316.86 | 49,920,753.88 |
| RESERVES | | | |
| For equity in H-E.P.C. systems | 20.103,275.76 | 23,066,129.81 | 26,045,679.00 |
| For depreciation | 13.748,049.68 | 14,902,177.02 | 16,075,959.28 |
| Other reserves | 1.693,129.83 | 1,902,308.64 | 2,048,081.84 |
| Total reserves | 35,544,455.27 | 39,870,615.47 | 44,169,720.12 |
| SURPLUS | | | |
| Debentures paid | 13,150.040.37 | 15,244,778.28 | 17,651,367.71 |
| Local sinking fund | 8,735,050.84 | 9,099,210.61 | 9,386,176.58 |
| Operating surplus | 15,909,043.77 | 15,476,142.75 | 14,575,234.35 |
| Total surplus | 37,794,134.98 | 39,820,131.64 | 41,612,778.64 |
| Total liabilities, reserves and surplus | 125,537,858.08 | 132,376,063.97 | 135,703,252.64 |
| Percentage of net debt to total assets | 44.1 | 43.4 | 40.4 |

## BALANCE SHEET—Continued

| 1934 | 1935 | 1936 | 1937 | 1938 | 1939 |
|---|---|---|---|---|---|
| 282 | 284 | 283 | 287 | 288 | 293 |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 10,262,692.98 | 10,381,191.41 | 10,528,595.34 | 10,785,473.59 | 10,894,019.12 | 11,030,623.50 |
| 22,327,618.75 | 22,072,115.14 | 22,162,208.03 | 22,900,269.21 | 23,614,597.80 | 23,780,655.18 |
| 21,353,725.80 | 21,650,567.75 | 22,163,701.17 | 22,699,652.43 | 23,371,092.61 | 23,925,362.60 |
| 6,031,767.74 | 6,068,724.47 | 6,070,337.02 | 6,100,282.76 | 6,134,283.64 | 6,202,371.87 |
| 9,635,279.35 | 9,678,578.13 | 9,845,939.94 | 10,128,591.29 | 10,494,789.40 | 10,855,346.75 |
| 8,624,504.78 | 8,767,892.27 | 9,043,615.65 | 9,234,773.90 | 9,539,413.66 | 9,838,600.98 |
| 2,395,296.48 | 2,420,238.81 | 2,527,188.03 | 2,610,137.97 | 2,697,047.84 | 2,798,171.62 |
| 1,464,306.73 | 1,486,302.46 | 1,504,596.77 | 1,508,564.76 | 1,516,059.81 | 1,518,035.24 |
| 3,907,359.92 | 3,616,986.74 | 4,019,430.59 | 4,389,592.08 | 4,444,880.40 | 4,147,280.84 |
| 494,932.96 | 496,050.14 | 496,186.33 | 496,186.33 | 497,974.74 | 498,650.81 |
| 4,978,079.44 | 4,917,917.43 | 4,876,405.43 | 4,878,609.01 | 4,897,097.67 | 4,894,655.59 |
| 200,000.00 | 200,000.00 | 200,000.00 | .............. | .............. | .............. |
| 91,675,564.93 | 91,756,564.75 | 93,438,204.30 | 95,732,133.33 | 98,101,256.69 | 99,489,754.98 |
| 2,215,914.31 | 2,927,485.90 | 3,921,121.28 | 3,080,864.13 | 3,043,609.87 | 3,107,087.65 |
| 2,382,446.41 | 2,593,633.59 | 2,924,913.30 | 4,469,369.04 | 4,832,322.57 | 4,850,531.80 |
| 4,001,596.09 | 4,363,297.95 | 4,560,713.55 | 4,240,741.41 | 4,106,655.16 | 4,774,816.58 |
| 1,110,705.38 | 1,212,063.37 | 1,261,843.81 | 1,336,527.60 | 1,393,158.18 | 1,496,275.62 |
| 9,161,419.77 | 9,086,152.46 | 9,535,712.83 | 10,003,873.93 | 10,397,958.20 | 11,032,594.44 |
| 29,274,340.46 | 32,609,979.83 | 36,193,874.21 | 40,032,438.34 | 44,254,118.64 | 48,615,296.94 |
| 289,158.19 | 301,317.86 | 203,167.35 | 186,252.23 | 178,534.60 | 156,520.39 |
| 140,111,145.54 | 144,850,495.71 | 152,039,550.63 | 159,082,200.01 | 166,307,613.91 | 173,522,878.40 |
| 39,646,989.68 | 36,667,080.62 | 34,485,507.43 | 32,447,411.68 | 29,987,512.34 | 27,962,685.51 |
| 3,149,035.07 | 2,931,934.14 | 2,879,497.45 | 2,912,960.24 | 3,334,802.82 | 3,100,565.26 |
| 143,556.95 | 72,084.93 | 25,559.95 | 34,787.51 | 108,753.61 | 180,064.81 |
| 3,669,008.56 | 3,462,906.61 | 3,267,141.59 | 3,216,028.08 | 3,120,619.84 | 2,998,174.20 |
| 46,608,590.26 | 43,134,006.30 | 40,657.706.42 | 38,611,187,51 | 36,551,688.61 | 34,241,489.78 |
| 29,274,340.46 | 32,609,979.83 | 36,193,874.21 | 40,032,438.34 | 44,254,118.64 | 48,615,296.94 |
| 17,426,809.32 | 18,410,891.84 | 19,666,170.18 | 21,034,164.68 | 22,583,476.69 | 24,046,526.92 |
| 2,056,820.81 | 2,459,074.98 | 2,763,100.40 | 2,802,650 84 | 2,814,785.08 | 3,090,471.34 |
| 48,757,970.59 | 53,479,946.65 | 58,623,144.79 | 63,869,253.86 | 69,652,380.41 | 75,752,295.20 |
| 20,608,129.73 | 23,481,974.13 | 26,084,294.84 | 28,468,539.78 | 30,890,189.93 | 32,866,660.82 |
| 9,161,419.77 | 9,086,152.46 | 9,535,712.83 | 10,003,873.93 | 10,397,958.20 | 11,032,594.44 |
| 14,975,035.19 | 15,668,416.17 | 17,138,691.75 | 18,129,344.93 | 18,815,396.76 | 19,629,838.16 |
| 44,744,584.69 | 48,236,542.76 | 52,758,699.42 | 56,601,758.64 | 60,103,544.89 | 63,529,093.42 |
| 140,111,145.54 | 144,850,495.71 | 152,039,550.63 | 159,082,200.01 | 166,307,613.91 | 173,522,878.40 |
| 35.9 | 32.0 | 28.3 | 25.2 | 22.4 | 19.3 |

## CONSOLIDATED BALANCE SHEET—Concluded

| YEAR | 1940 | 1941 | 1942 |
|---|---|---|---|
| Number of municipalities included | 295 | 296 | 297 |
| ASSETS | $ c. | $ c. | $ c. |
| Lands and buildings | 11,218,258.69 | 11,488,173.96 | 11,546,286.55 |
| Substation equipment | 24,282,151.78 | 24,896,262.26 | 25,359,352.47 |
| Distribution system—overhead | 24,653,458.44 | 25,228,363.52 | 25,572,132.86 |
| Distribution system—underground | 6,214,957.69 | 6,391,399.25 | 6,446,133.75 |
| Line transformers | 11,030,643.29 | 11,817,440.89 | 12,209,624.79 |
| Meters | 9,927,971.40 | 10,644,655.81 | 10,938,305.73 |
| Street lighting equipment—regular | 2,879,996.65 | 2,940,055.38 | 2,928,896.30 |
| Street lighting equipment—ornamental | 1,534,320.08 | 1,540,369.82 | 1,543,717.00 |
| Miscellaneous construction expenses | 4,341,259.94 | 4,366,893.41 | 4,091,006.92 |
| Steam or hydraulic plant | 498,575.87 | 445,118.58 | 422,172.72 |
| Old plant | 1,332,606.12 | 1,329,860.41 | 1,028,830.05 |
| Total plant | 97,914,199.95 | 101,088,593.29 | 102,086,459.14 |
| Bank and cash balance | 4,462,197.18 | 2,991,173.27 | 2,482,945.50 |
| Securities and investments | 5,315,855.49 | 8,368,139.57 | 12,592,455.09 |
| Accounts receivable | 4,715,848.86 | 4,116,252.29 | 3,614,066.68 |
| Inventories | 1,630,987.28 | 1,984,025.53 | 2,047,430.38 |
| Sinking fund on local debentures | 5,829,573.87 | 5,530,647.79 | 5,445,199.46 |
| Equity in H-E.P.C. systems | 52,457,676.76 | 52,458,225.18 | 57,080,491.77 |
| Other assets | 258,395.70 | 226,034.26 | 197,190.92 |
| Total assets | 172,584,735.09 | 176,763,091.18 | 185,546,238.94 |
| LIABILITIES | | | |
| Debenture balance | 20,636,363.20 | 17,805,415.36 | 16,184,642.53 |
| Accounts payable | 3,095,613.25 | 3,088,145.27 | 2,399,404.91 |
| Bank overdraft | 187,038.91 | 302,744.63 | 105,571.05 |
| Other liabilities | 3,004,624.22 | 2,987,132.70 | 2,806,844.10 |
| Total liabilities | 26,923,638.58 | 24,183,437.96 | 21,496,462.59 |
| RESERVES | | | |
| For equity in H-E.P.C. systems | 52,457,676.76 | 52,458,225.18 | 57,080,491.77 |
| For depreciation | 25,733,628.33 | 27,795,985.72 | 29,840,207.73 |
| Other reserves | 3,326,591.65 | 3,592,384.90 | 4,907,609.88 |
| Total reserves | 81,517,896.74 | 83,846,595.80 | 91,828,309.38 |
| SURPLUS | | | |
| Debentures paid | 37,245,922.84 | 39,943,340.75 | 41,183,741.27 |
| Local sinking fund | 5,829,573.87 | 5,530,647.79 | 5,445,199.46 |
| Operating surplus | 21,067,703.06 | 23,259,068.88 | 25,592,526.24 |
| Total surplus | 64,143,199.77 | 68,733,057.42 | 72,221,466.97 |
| Total liabilities, reserves and surplus | 172,584,735.09 | 176,763,091.18 | 185,546,238.94 |
| Percentage of net debt to total assets | 17.4 | 14.6 | 11.9 |

## CONSOLIDATED OPERATING REPORT

| YEAR | 1912 | 1913 | 1914 | 1915 |
|---|---|---|---|---|
| Number of municipalities included | 28 | 45 | 69 | 99 |
| EARNINGS | $ c. | $ c. | $ c. | $ c. |
| Domestic service | | 572,154.38 | 789,130.81 | 944,271.08 |
| Commercial light service | | 525,438.16 | 673,803.92 | 720,209.26 |
| Commercial power service | | 905,378.17 | 1,214,829.31 | 1,501,797.78 |
| Municipal power | | | | |
| Street lighting | | 560,925.56 | 698,409.71 | 835,970.87 |
| Rural service | | | | |
| Miscellaneous | | 53,543.24 | 57,482.41 | 68,046.29 |
| Total earnings | 1,617,674.00 | 2,617,439.51 | 3,433,656.16 | 4,070,295.28 |
| EXPENSES | | | | |
| Power purchased | | 789,632.87 | 1,045,752.65 | 1,484,666.00 |
| Substation operation | | 78,394.81 | 97,658.90 | 107,607.31 |
| Substation maintenance | | 18,698.46 | 31,790.99 | 25,935.56 |
| Distribution system, operation and maintenance | | 104,114.51 | 130,998.65 | 154,409.71 |
| Line transformer maintenance | | 8,547.61 | 11,764.32 | 11,508.92 |
| Meter maintenance | | 5,222.19 | 9,536.07 | 12,899.14 |
| Consumers' premises expenses | | 53,108.38 | 65,192.23 | 47,494.26 |
| Street lighting, operation and maintenance | | 84,903.76 | 113,047.80 | 136,983.38 |
| Promotion of business | | 72,303.51 | 86,683.02 | 74,402.55 |
| Billing and collecting | | 77,351.76 | 103,560.71 | 131,541.27 |
| General office, salaries and expenses | | 154,932.69 | 230,899.75 | 236,777.86 |
| Undistributed expense | | 65,423.64 | 89,350.91 | 129,209.15 |
| Interest | | 528,549.21 | 662,092.34 | 817,978.89 |
| Sinking fund and principal payments on debentures | | * | * | * |
| Total expenses | 1,377,168.00 | 2,041,183.40 | 2,678,328.34 | 3,371,414.00 |
| Surplus | 240,506.00 | 576,256.11 | 755,327.82 | 698,881.28 |
| Depreciation and other reserves | 124,992.47 | 262,675.24 | 357,883.31 | 414,506.99 |
| Surplus less depreciation | 115,513.53 | 313,580.87 | 397,444.51 | 284,374.29 |

*Debenture payments included in "Interest."

## CONSOLIDATED

| YEAR | 1916 | 1917 | 1918 |
|---|---|---|---|
| Number of municipalities included | 128 | 143 | 166 |
| EARNINGS | $ c. | $ c. | $ c. |
| Domestic service | 1,172,878.96 | 1,417,460.31 | 1,632,272.12 |
| Commercial light service | 812,130.78 | 899,023.72 | 968,399.42 |
| Commercial power service | 1,921,152.31 | 2,665,280.65 | 3,417,248.37 |
| Municipal power | ........ | ........ | ........ |
| Street lighting | 930,057.48 | 967,495.10 | 902,875.55 |
| Rural service | ........ | ........ | ........ |
| Miscellaneous | 147,381.50 | 120,805.39 | 161,243.70 |
| Total earnings | 4,983,601.03 | 6,070,065.17 | 7,082,039.16 |
| EXPENSES | | | |
| Power purchased | 1,959,446.83 | 2,573,879.37 | 2,807,769.33 |
| Substation operation | 153,761.08 | 203,091.20 | 238,257.34 |
| Substation maintenance | 46,131.53 | 42,129.04 | 60,805.92 |
| Distribution system, operation and maintenance | 154,247.17 | 169,326.24 | 223,347.81 |
| Line transformer maintenance | 14,528.17 | 25,328.95 | 30,488.83 |
| Meter maintenance | 24,218.48 | 44,461.55 | 63,155.56 |
| Consumers' premises expenses | 52,602.01 | 61,765.14 | 65,149.59 |
| Street lighting, operation and maintenance | 145,471.50 | 157,857.73 | 196,157.18 |
| Promotion of business | 79,324.85 | 73,516.37 | 64,962.78 |
| Billing and collecting | 154,508.58 | 188,083.84 | 208,660.76 |
| General office, salaries and expenses | 306,709.35 | 349,932.05 | 421,680.15 |
| Undistributed expense | 97,333.97 | 102,938.80 | 117,474.07 |
| Interest | 951,781.99 | 1,085,180.80 | 1,238,425.53 |
| Sinking fund and principal payments on debentures | * | * | * |
| Total expenses | 4,140,065.51 | 5,077,491.08 | 5,736,334.85 |
| Surplus | 843,535.52 | 992,574.09 | 1,345,704.31 |
| Depreciation and other reserves | 486,141.80 | 607,296.29 | 718,162.30 |
| Surplus less depreciation | 357,393.72 | 385,277.80 | 627,542.01 |

*Debenture payments included in "Interest."

## OPERATING REPORT—Continued

| 1919 | 1920 | 1921 | 1922 | 1923 | 1924 |
|---|---|---|---|---|---|
| 181 | 186 | 205 | 214 | 224 | 241 |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 1,991,632.31 | 2,546,345.30 | 3,149,080.03 | 3,786,608.23 | 5,166,452.24 | 5,993,231.07 |
| 1,175,143.56 | 1,512,854.63 | 1,851,501.76 | 2,158,306.34 | 3,260,772.50 | 3,566,227.22 |
| 3,443,107.13 | 3,752,188.22 | 3,895,437.46 | 4,383,912.97 | 5,927,666.37 | 6,222,865.88 |
| ............ | 532,279.09 | 654,531.01 | 973,263.38 | 1,161,598.60 | 1,352,966.47 |
| 988,900.95 | 1,005,535.11 | 1,060,357.77 | 1,160,446.81 | 1,269.604.48 | 1.356,668.97 |
| ............ | 168,919.95 | 145,566.57 | 105,877.09 | 116,639.06 | 75,100.24 |
| 228,270.65 | 189,778.63 | 225,467.70 | 187,689.39 | 316,311.21 | 231,663.58 |
| 7,827,054.60 | 9,707,900.93 | 10,981,942.30 | 12,756,104.21 | 17,219,044.46 | 18,798,723.43 |
| | | | | | |
| 3,284,490.68 | 4,216,667.87 | 4,876,650.31 | 6,636,853.37 | 8,699,026.67 | 9,669,789.40 |
| 217,638 89 | 285,407.35 | 314,838.35 | 315,443.70 | 474,442.13 | 430,056.09 |
| 81,853.63 | 102,050.81 | 104,798.01 | 100,763.67 | 133,815.53 | 202,050.04 |
| 286,310.76 | 344,551.57 | 487,918.33 | 519,252.16 | 636,477.41 | 648,700.62 |
| 42,509.12 | 46,323.09 | 65,088.46 | 52,932.26 | 75,920.10 | 82,936.50 |
| 78,726.64 | 123,701.18 | 116,722.97 | 107,806.88 | 139,104.81 | 141,231.23 |
| 84,301.24 | 116,283.52 | 134,854.92 | 143,388.88 | 218,682.02 | 237,316.20 |
| 215,963.86 | 236,930.79 | 297,481.52 | 297,363.86 | 299,579.08 | 269,973.30 |
| 74,789.22 | 78,294.85 | 101,804.46 | 129,932.63 | 184,371.00 | 202,060.74 |
| 236,504.75 | 295,942.88 | 321,685.71 | 338,153.50 | 444,306.92 | 490,273.30 |
| 452,131.22 | 559,695.29 | 656,268.11 | 605,852.50 | 937,463.47 | 889,907.66 |
| 190,690.09 | 256,400.33 | 308,874.42 | 385,895.03 | 359,206.91 | 494,078.50 |
| 1,285,571.51 | 1,431,807.16 | 998,611.47 | 1,074,657.44 | 1,615,205.16 | 1,779,991.26 |
| * | * | 532,183.96 | 635,469.90 | 990,907.14 | 1,122,798.87 |
| 6,531,481.61 | 8,094,056.69 | 9,317,781.00 | 11,343,765.78 | 15.208,508.35 | 16,661,163.71 |
| 1,295,572.99 | 1,613,844.24 | 1,664,161.30 | 1,412,338.43 | 2,010,536.11 | 2,137,559.72 |
| 814,219.37 | 902,028.75 | 1,044,434.85 | 715.814.24 | 916,782.75 | 973,649.62 |
| 481,353.62 | 711.815.49 | 619,726.45 | 696,524.19 | 1,093,753.36 | 1,163,910.10 |

## CONSOLIDATED

| YEAR | 1925 | 1926 | 1927 |
|---|---|---|---|
| Number of municipalities included | 242 | 248 | 251 |
| EARNINGS | $ c. | $ c. | $ c. |
| Domestic service | 6,439,159.86 | 7,372,602.62 | 8,189,866.89 |
| Commercial light service | 3,866,292.79 | 4,187,899.19 | 4,626,815.51 |
| Commercial power service | 6,568,854.77 | 6,789,217.54 | 7,342,173.20 |
| Municipal power | 1,923,093.09 | 1,922,512.34 | 1,913,502.88 |
| Street lighting | 1,415,382.22 | 1,457,686.21 | 1,489,242.37 |
| Rural service | 37,975.18 | 37,810.73 | 13,765.72 |
| Miscellaneous | 286,451.08 | 471,134.15 | 581,913.04 |
| Total earnings | 20,537,208.99 | 22,238,862.78 | 24,157,279.61 |
| EXPENSES | | | |
| Power purchased | 11,063,123.34 | 12,185,669.10 | 13,505,583.77 |
| Substation operation | 417,921.71 | 450,416.84 | 430,211.76 |
| Substation maintenance | 207,497.63 | 286,520.37 | 275,148.86 |
| Distribution system, operation and maintenance | 686,344.54 | 795,514.70 | 758,747.10 |
| Line transformer maintenance | 75,473.28 | 74,876.11 | 94,706.38 |
| Meter maintenance | 156,909.55 | 189,603.70 | 214.813.87 |
| Consumers' premises expenses | 252,808.47 | 275,020.62 | 285,352.68 |
| Street lighting, operation and maintenance | 275,316.60 | 295,869.37 | 318,395.79 |
| Promotion of business | 217,102.24 | 234,696.74 | 220,687.60 |
| Billing and collecting | 521,134.01 | 557,271.54 | 605,627.58 |
| General office, salaries and expenses | 891,640.29 | 786,742.60 | 824,868.90 |
| Undistributed expense | 520,584.58 | 460,288.30 | 531,003.80 |
| Truck operation and maintenance | .............. | .............. | .............. |
| Interest | 1,889,810.95 | 1,985,233.73 | 2,063,698.00 |
| Sinking fund and principal payments on debentures | 1,294,027.29 | 1,347,511.92 | 1.505,626.31 |
| Total expenses | 18,469,694.48 | 19,925,235 64 | 21,634,472.40 |
| Surplus | 2,067,514.51 | 2,313,627.14 | 2,522,807.21 |
| Depreciation and other reserves | 1,068,880.42 | 1,146,273.05 | 1,249,711.65 |
| Surplus less depreciation | 998,634.09 | 1,167,354.09 | 1,273,095.56 |

## OPERATING REPORT—Continued

| 1928 | 1929 | 1930 | 1931 | 1932 | 1933 |
|---|---|---|---|---|---|
| 255 | 259 | 267 | 275 | 280 | 282 |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 8,925,050.56 | 9,873,681.57 | 10,542,903.89 | 10,972,952.10 | 11,447,307.85 | 11,429,101.13 |
| 5,182,723.32 | 5,697,766.06 | 5,961,383.23 | 6,230,475.89 | 6,243,794.01 | 6,013,025.96 |
| 8,298,669.44 | 9,376,158.74 | 9,340,653.28 | 9,456,224.97 | 9,356,693.88 | 9,080,522.07 |
| 1,921,300.97 | 2,086,444.24 | 2,111,482.38 | 1,967,118.54 | 1,859,585.35 | 1,826,872.07 |
| 1,534,476.98 | 1,598,262.43 | 1,674,528.03 | 1,746,855.24 | 1,783,972.46 | 1,779,582.48 |
| *48,451.90 | *51,590.54 | *28,954.60 | *29,446.38 | *11,069.27 | *12,812.74 |
| 465,791.92 | 522,780.95 | 581,914.78 | 511,139.80 | 513,787.30 | 485,925.43 |
| 26,376,465.09 | 29,206,684.53 | 30,241,820.19 | 30,914,212.92 | 31,216,210.12 | 30,627,841.88 |
| 14,688,570.08 | 16,379,162.88 | 17,323,077.97 | 18,085,166.51 | 19,109,036.25 | 19,330,861.58 |
| 420,512.48 | 461,270.27 | 479,502.48 | 487,484.17 | 503,351.82 | 484,764.57 |
| 247,647.88 | 274,275.56 | 320,716.48 | 303,536.11 | 300,186.15 | 288,583.29 |
| 736,159.85 | 907,817.04 | 991,972.86 | 1,015,256.14 | 969,750.51 | 895,350.99 |
| 88,676.18 | 93,608.14 | 96,746.35 | 93,463.24 | 95,485.55 | 82,321.32 |
| 218,530.96 | 242,126.27 | 278,379.43 | 284,633.88 | 300,104.85 | 283,115.98 |
| 291,333.03 | 314,495.03 | 317,902.45 | 363,078.47 | 368,208.73 | 361,499.20 |
| 329,597.16 | 359,373.40 | 372,211.07 | 368,119.49 | 360,709.76 | 353,082.15 |
| 249,842.01 | 250,844.28 | 249,070.05 | 255,956.03 | 266,760.84 | 259,936.42 |
| 638,797.02 | 695,729.42 | 745,159.02 | 792,983.99 | 818,721.33 | 817,660.03 |
| 844,578.55 | 904,025.64 | 907,226.89 | 923.676.84 | 960,558.88 | 908,517.79 |
| 542,755.34 | 502,206.06 | 523,862.96 | 520,893.10 | 436,692.96 | 349,101.36 |
| ............. | 110,630.62 | 112,029.82 | 107,918.93 | 112,059.90 | 105,452.68 |
| 2,111,049.49 | 2,152,695.49 | 2,220,214.45 | 2,328,094.32 | 2,532,940.93 | 2,426,286.35 |
| 1,601,711.32 | 1,687,201.64 | 1,828,061.62 | 2,061,718.79 | 2,244,367.86 | 2,319,319.09 |
| 23,009,761.35 | 25,335,461.74 | 26,766,134.00 | 27,991,980.01 | 29,378,936.42 | 29,265,852.80 |
| 3,366,703.74 | 3,871,222.79 | 3,475,686.19 | 2,922,232.91 | 1,837,273.70 | 1,361,989.08 |
| 1,350,252.16 | 1,469,846.83 | 1,574,991.68 | 1,775,330.69 | 1,920,896.22 | 1,989,000.41 |
| 2,016,451.58 | 2,401,375.96 | 1,900,694.51 | 1,146,902.22 | *83,622.52*<br>(loss) | *627,011.33*<br>(loss) |

*Profits from the sale of merchandise. Rural service now given in Rural Power Districts.

## CONSOLIDATED

| YEAR | 1934 | 1935 | 1936 |
|---|---|---|---|
| Number of municipalities included | 282 | 284 | 283 |
| EARNINGS | $ c. | $ c. | $ c. |
| Domestic service | 11,844,033.10 | 12,145,219.89 | 12,682,140.18 |
| Commercial light service | 6,206,086.35 | 6,458,748.57 | 6,815,439.16 |
| Commercial power service | 9,692,784.37 | 10,211,968.71 | 10,694,192.44 |
| Municipal power | 1,875,969.80 | 1,821,285.82 | 1,817,986.94 |
| Street lighting | 1,777,596.69 | 1,788,760.38 | 1,799,420.87 |
| Merchandise | 18,747.73 | 21,669.98 | 23,158.76 |
| Miscellaneous | 555,172.04 | 562,285.82 | 575,825.49 |
| Total earnings | 31,970,390.08 | 33,009,939.17 | 34,408,163.84 |
| EXPENSES | | | |
| Power purchased | 19,591,887.79 | 20,053,676.40 | 20,486,582.65 |
| Substation operation | 468,944.09 | 478,813.83 | 478,855.71 |
| Substation maintenance | 296,550.52 | 297,127.27 | 301,897.24 |
| Distribution system, operation and maintenance | 844,813.95 | 830,633.88 | 855,576.02 |
| Line transformer maintenance | 75,172.18 | 70,749 63 | 72,711.67 |
| Meter maintenance | 291,402.79 | 313,234 11 | 328,410.90 |
| Consumers' premises expenses | 352,499.09 | 340,761.52 | 306,644.80 |
| Street lighting, operation and maintenance | 338,784.80 | 340,120.36 | 356,932.01 |
| Promotion of business | 228,741.36 | 252,648.33 | 288,338.93 |
| Billing and collecting | 827,860.20 | 835,375.90 | 945,892.70 |
| General office, salaries and expenses | 908,039.75 | 943,880.18 | 967,269.06 |
| Undistributed expense | 362,322.12 | 360,676.96 | 448,332.98 |
| Truck operation and maintenance | 98,081.61 | 95,150.54 | 69,805.06 |
| Interest | 2,204,994.25 | 2,040,130.35 | 1,893,304.28 |
| Sinking fund and principal payments on debentures | 2,358,169.12 | 2,423,088.34 | 2,448,223.80 |
| Total expenses | 29,248,263.62 | 29,686,067 60 | 30,248,777.81 |
| Surplus | 2,722,126.46 | 3,323,871.57 | 4,159,386.03 |
| Depreciation and other reserves | 2,036,637.33 | 2,076,322.24 | 2,230,021.86 |
| Surplus less depreciation | 685,489.13 | 1,247,549 33 | 1,929,364.17 |

## OPERATING REPORT—Concluded

| 1937 | 1938 | 1939 | 1940 | 1941 | 1942 |
|---|---|---|---|---|---|
| 287 | 288 | 293 | 295 | 296 | 297 |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 12,448,345.63 | 12,607,601.30 | 13,038,748.37 | 13,705,710.79 | 14,287,828.19 | 14,874,937.14 |
| 6,510,685.15 | 6,727,374.48 | 7,077,144.74 | 7,642,679.90 | 7,885,693.81 | 7,604,860.27 |
| 11,063,764.43 | 10,527,631.36 | 10,957,719.66 | 12,458,439.08 | 14,591,053.03 | 15,433,320.91 |
| 1,731,311.34 | 1,677,069.34 | 1,760,977.25 | 1,741,235.23 | 1,832,379.38 | 2,026,826.92 |
| 1,781,363.37 | 1,813,555.27 | 1,831,090.33 | 1,842,443.63 | 1,880,560.01 | 1,820,216.28 |
| 22,971.02 | 26,588.18 | 28,874.86 | 56,818.83 | 58,695.51 | 50,276.58 |
| 607,035.54 | 602,012 80 | 595,235.49 | 577,959.98 | 526,771.53 | 630,825.29 |
| 34,165,476.48 | 33,981,832.73 | 35,289,790.70 | 38,025,287.44 | 41,062,981.46 | 42,491,263.39 |
| 20,532,736.85 | 20,575,457.95 | 21,855,595.20 | 23,756,863.14 | 26,017,260.84 | 26,459,900.78 |
| 490,737.94 | 493,651.06 | 516,987.25 | 544,234.10 | 552,820.54 | 581,259.02 |
| 300,389.49 | 351,013.94 | 377,013.25 | 322,375.73 | 316.677.27 | 361,643.95 |
| 889,990.11 | 921,064.94 | 943,859.59 | 930,055.53 | 993,886.44 | 1,087,818.81 |
| 81,365.18 | 94,040.92 | 95,577.72 | 101.617.16 | 114,304.18 | 133,888.95 |
| 343,658.47 | 384,357.58 | 386,145.71 | 372,562.74 | 409,252.72 | 440,877.18 |
| 420,366.36 | 483,012.96 | 488,980.55 | 568.135.41 | 604,642.97 | 513,565.10 |
| 364,325.53 | 373,065.44 | 384,071.55 | 366,911.70 | 379,905.55 | 397,614.93 |
| 294,574.21 | 309,626.97 | 317,467.64 | 293,022.17 | 262,910.03 | 193,692.33 |
| 980,540.10 | 987,040.66 | 1,008,065.66 | 1,020,648.93 | 1,074,173.90 | 1,171,345.63 |
| 940,890.76 | 931,120.05 | 966,550.98 | 960,065.70 | 1,053,367.83 | 1,067,535.39 |
| 476,370.44 | 430,609.32 | 463,456.65 | 555,414.26 | 480,317.80 | 553,599.71 |
| 77,995.38 | 84,111.05 | 80,263.46 | 79,848.64 | 93,032.89 | 99,379.20 |
| 1,752,287.58 | 1,642.663.25 | 1,594,040.32 | 1,464,381.29 | 1,027,985.34 | 973,383.83 |
| 2,429,565.06 | 2,424,098.70 | 2,420,441.30 | 2,389,723.60 | 2,248,937.42 | 2.006.148.29 |
| 30,375,793.46 | 30,484,934.79 | 31,898.516.83 | 33,725,860.10 | 35,629,475.72 | 36,041,653.10 |
| 3,789,683.02 | 3,496,897.94 | 3,391,273.87 | 4,299,427.34 | 5,433,505.74 | 6,449,610.29 |
| 2,329,625.64 | 2,451,529.46 | 2,524,364.33 | 2,644,127.10 | 2,933,730.99 | 3,586,198.82 |
| 1,460,057.38 | 1,045,368.48 | 866,909.54 | 1,655,300.24 | 2,499,774.75 | 2,863,411.47 |

## STATEMENT

## Balance Sheets of Electrical Departments of

NIAGARA SYSTEM

| Municipality | Acton | Agincourt | Ailsa Craig | Alvinston | Amherstburg |
|---|---|---|---|---|---|
| Population | 1,954 | P.V. | 457 | 645 | 2,743 |
| ASSETS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Lands and buildings | 1,627.38 | | | 133.56 | |
| Substation equipment | 2,318.36 | | | | |
| Distribution system—overhead | 27,196.78 | 9,456.68 | 7,844.15 | 16,404.91 | 39,968.90 |
| Distribution system—underground | | | | | |
| Line transformers | 16,190.06 | 5,637.62 | 3,814.67 | 2,941.70 | 21,150.17 |
| Meters | 12,272.67 | 3,272.73 | 2,780.29 | 3,558.49 | 16,636.48 |
| Street light equipment, regular | 2,436.65 | 1,030.30 | 457.58 | 1,280.09 | 1,587.79 |
| Street light equipment, ornamental | | | | | 5,598.72 |
| Miscellaneous construction expense | 1,902.13 | 23.30 | 492.36 | 1,044.37 | 7,351.55 |
| Steam or hydraulic plant | | | | | |
| Old plant | | | | 773.85 | |
| Total plant | 63,944.03 | 19,420.63 | 15,389.05 | 26,136.97 | 92,293.61 |
| Bank and cash balance | 1,289.72 | 2,720.21 | 1,212.43 | 82.69 | 5,434.31 |
| Securities and investments | 13,500.00 | 7,000.00 | 8,000.00 | 7,000.00 | 17,250.00 |
| Accounts receivable | 661.64 | 108.39 | 768.06 | 55.92 | 2,580.07 |
| Inventories | 1,232.33 | | | | |
| Sinking fund on local debentures | | | | | |
| Equity in H-E.P.C. systems | 77,616.00 | 12,625.37 | 16,947.83 | 17,020.63 | 60,739.45 |
| Other assets | | | | | |
| Total assets | 158,243.72 | 41,874.60 | 42,317.37 | 50,296.21 | 178,297.44 |
| Deficit | | | | 435.41 | |
| Total | 158,243.72 | 41,874.60 | 42,317.37 | 50,731.62 | 178,297.44 |
| LIABILITIES | | | | | |
| Debenture balance | | | | | 9,679.20 |
| Accounts payable | 90.65 | 209.82 | 250.75 | 42.60 | 348.42 |
| Bank overdraft | | | | | |
| Other liabilities | 1,025.49 | | 150.00 | 79.00 | 6,680.66 |
| Total liabilities | 1,116.14 | 209.82 | 400.75 | 121.60 | 16,708.28 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems | 77,616.00 | 12,625.37 | 16,947.83 | 17,020.63 | 60,739.45 |
| For depreciation | 12,323.79 | 3,637.73 | 7,216.68 | 10,000.65 | 29,074.86 |
| Other reserves | 1,500.00 | 1,542.90 | | 59.50 | 474.92 |
| Total reserves | 91,439.79 | 17,806.00 | 24,164.51 | 27,080.78 | 90,289.23 |
| SURPLUS | | | | | |
| Debentures paid | 14,500.00 | 8,072.65 | 6,883.38 | 23,529.24 | 22,374.40 |
| Local sinking fund | | | | | |
| Operating surplus | 51,187.79 | 15,786.13 | 10,868.73 | | 48,925.53 |
| Total surplus | 65,687.79 | 23,858.78 | 17,752.11 | 23,529.24 | 71,299.93 |
| Total liabilities, reserves and surplus | 158,243.72 | 41,874.60 | 42,317.37 | 50,731.62 | 178,297.44 |
| Percentage of net debt to total assets | 1.4 | 0.7 | 1.6 | 0.4 | 9.9 |

"A"

## Hydro Municipalities as at December 31, 1942

| Ancaster Twp. | Arkona 385 | Aylmer 2,412 | Ayr 772 | Baden P.V. | Beachville P.V. | Beamsville |
|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| | | 11,013.84 | 125.00 | 660.64 | 176.13 | |
| | | | | | | |
| 20,227.84 | 10,055.73 | 27,378.35 | 13,086.93 | 9,613.54 | 15,529.77 | 16,867.14 |
| | | | | | | |
| 14,397.08 | 2,303.10 | 15,317.49 | 5,616.06 | 6,612.00 | 4,841.14 | 10,315.28 |
| 6,222.55 | 1,945.77 | 13,479.08 | 4,385.05 | 4,173.96 | 3,676.15 | 7,536.86 |
| 1,537.36 | 750.31 | 4,616.00 | 1,162.14 | 738.66 | 444.23 | 2,771.88 |
| | | | | | | |
| 1,037.25 | 243.03 | 2,335.56 | 822.49 | 187.22 | 602.04 | 314.85 |
| | | | | | | |
| | 1,030.30 | 6,469.47 | 4,002.53 | | | |
| 43,422.08 | 16,328.24 | 80,609.79 | 29,200.20 | 21,986.02 | 25,269.46 | 37,806.01 |
| 5,047.11 | 387.22 | 4,903.05 | 1,042.61 | 1,131.97 | 1,550.70 | 2,778.33 |
| | 500.00 | 13,000.00 | 2,000.00 | 3,500.00 | 8,600.00 | |
| 751.64 | 75.84 | 1,022.98 | 572.28 | 838.82 | 631.99 | 211.86 |
| | | 373.76 | | | | |
| | | | | | | |
| 19,440.61 | 6,951.65 | 48,369.06 | 16,804.67 | 35,318.32 | 45,658.83 | 5,412.16 |
| | | | | | | 22,380.46 |
| 68,661.44 | 24,242.95 | 148,278.64 | 49,619.76 | 62,775.13 | 81,710.98 | 68,588.82 |
| | | | | | | |
| 68,661.44 | 24,242.95 | 148,278.64 | 49,619.76 | 62,775.13 | 81,710.98 | 68,588.82 |
| 6,894.27 | 3,047.77 | 6,791.29 | 2,905.61 | | 120.61 | 8,298.66 |
| 1,241.00 | 25.91 | 216.80 | | 32.26 | 72.74 | 252.60 |
| | | | | | | |
| 238.17 | 28.00 | 803.36 | 6.00 | | | 660.70 |
| 8,373.44 | 3,101.68 | 7,811.45 | 2,911.61 | 32.26 | 193.35 | 9,211.96 |
| 19,440.61 | 6,951.65 | 48,369.06 | 16,804.67 | 35,318.32 | 45,658.83 | 5,412.16 |
| 11,885.59 | 3,658.77 | 21,131.90 | 8,827.32 | 3,269.84 | 9,503.57 | 6,377.25 |
| 96.50 | | 3,154.83 | 517.29 | 1,000.00 | | |
| 31,422.70 | 10,610.42 | 72,655.79 | 26,149.28 | 39,588.16 | 55,162.40 | 11,789.41 |
| 7,216.01 | 10,065.06 | 31,910.63 | 14,597.77 | 5,000.00 | 5,416.05 | 29,201.34 |
| | | | | | | |
| 21,649.29 | 465.79 | 35,900.77 | 5,961.10 | 18,154.71 | 20,939.18 | 18,386.11 |
| 28,865.30 | 10,530.85 | 67,811.40 | 20,558.87 | 23,154.71 | 26,355.23 | 47,587.45 |
| 68,661.44 | 24,242.95 | 148,278.64 | 49,619.76 | 62,775.13 | 81,710.98 | 68,588.82 |
| 17.0 | 17.9 | 7.8 | 8.9 | 0.1 | 0.6 | 14.6 |

## STATEMENT

### Balance Sheets of Electrical Departments of

**NIAGARA SYSTEM—Continued**

| Municipality | Belle River | Blenheim | Blyth | Bolton | Boothwell |
|---|---|---|---|---|---|
| Population | 844 | 1,812 | 652 | 590 | 644 |
| ASSETS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Lands and buildings | 204.20 | 14,375.36 | | | |
| Substation equipment | | 909.64 | | | |
| Distribution system—overhead | 19,985.45 | 33,295.55 | 11,858.08 | 10,506.33 | 7,748.94 |
| Distribution system—underground | | | | | |
| Line transformers | 4,681.89 | 12,468.85 | 2,664.45 | 4,759.38 | 3,207.58 |
| Meters | 4,836.07 | 11,594.98 | 2,554.19 | 3,742.75 | 3,608.32 |
| Street light equipment, regular | 1,325.05 | 3,859.04 | 1,554.68 | 873.89 | 3,571.49 |
| Street light equipment, ornamental | | 1,482.97 | | | 1,131.22 |
| Miscellaneous construction expense | 1,063.05 | 603.03 | 254.59 | 1,391.23 | 605.99 |
| Steam or hydraulic plant | | | | | |
| Old plant | | | 2,096.17 | 1,554.60 | |
| Total plant | 32,095.71 | 78,589.42 | 20,982.16 | 22,828.18 | 19,873.54 |
| Bank and cash balance | 2,926.99 | 2,877.79 | 615.95 | 794.25 | 1,171.29 |
| Securities and investments | 6,000.00 | | 5,500.00 | 8,500.00 | 13,000.00 |
| Accounts receivable | 42.77 | 201.05 | 463.80 | 368.47 | 27.20 |
| Inventories | | 1,397.05 | | | 5.83 |
| Sinking fund on local debentures | | | | | |
| Equity in H-E.P.C. systems | 11,755.99 | 42,293.16 | 11,033.11 | 19,467.28 | 19,153.31 |
| Other assets | | | | | |
| Total assets | 52,821.46 | 125,358.47 | 38,595.02 | 51,958.18 | 53.231.17 |
| Deficit | | | | | |
| Total | 52,821.46 | 125,358.47 | 38,595.02 | 51,958.18 | 53,231.17 |
| LIABILITIES | | | | | |
| Debenture balance | | 2,718.91 | | 1,149.03 | 970.96 |
| Accounts payable | 1.09 | 5,332.08 | 264.70 | 105.58 | |
| Bank overdraft | | | | | |
| Other liabilities | 205.00 | 1,840.47 | 150.00 | 34.85 | 1,236.83 |
| Total liabilities | 206.09 | 9,891.46 | 414.70 | 1,289.46 | 2,207.79 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems | 11,755.99 | 42,293.16 | 11,033.11 | 19,467.28 | 19,153.31 |
| For depreciation | 11,641.82 | 23,623.64 | 6,603.31 | 8,223.38 | 8,626.24 |
| Other reserves | 1,100.00 | 1,830.25 | | | 15.13 |
| Total reserves | 24,497.81 | 67,747.05 | 17,636.42 | 27,690.66 | 27,794.68 |
| SURPLUS | | | | | |
| Debentures paid | 8,500.00 | 11,281.09 | 16,032.52 | 11,350.97 | 4,563.23 |
| Local sinking fund | | | | | |
| Operating surplus | 19,617.56 | 36,438.87 | 4,511.38 | 11,627.09 | 18,665.47 |
| Total surplus | 28,117.56 | 47,719.96 | 20,543.90 | 22,978.06 | 23,228.70 |
| Total liabilities, reserves and surplus | 52,821.46 | 125,358.47 | 38,595.02 | 51,958.18 | 53,231.17 |
| Percentage of net debt to total assets | 0.5 | 10.3 | 1.5 | 4.0 | 3.3 |

"A"—Continued

## Hydro Municipalities as at December 31, 1942

| Brampton<br>5,823 | Brantford<br>32,174 | Brantford Twp. V.A. | Bridgeport P.V. | Brigden P.V. | Brussels<br>760 | Burford |
|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 5,355.12 | 114,579.48 | | | 1,482.03 | | 202.00 |
| 35,006.39 | 315,591.13 | | | | | |
| 55,598.72 | 280,271.23 | 70,994.49 | 10,416.04 | 8,256.30 | 14,536.59 | 9,589.62 |
| | | | | | | |
| 38,654.70 | 207,615.78 | 21,321.53 | 3,463.71 | 2,825.58 | 3,476.45 | 4,322.83 |
| 32,873.12 | 166,396.39 | 18,724.83 | 3,157.57 | 2,609.54 | 4,420.64 | 4,421.07 |
| 12,334.99 | 25,029.79 | 5,600.11 | 1,635.60 | 509.23 | 1,587.79 | 425.14 |
| | 38,922.18 | | | | | |
| 7,178.48 | 43,446.55 | 5,671.83 | 645.21 | 1,170.36 | 1,537.56 | 711.15 |
| | | | | | | |
| | 32,400.00 | | | | 2,827.50 | |
| 187,001.52 | 1,224,252.53 | 122,312.79 | 19,318.13 | 16,853.04 | 28,386.53 | 19,671.81 |
| 4,639.88 | 40,882.91 | 318.55 | 4,692.87 | 637.34 | 372.55 | 1,141.97 |
| 6,977.81 | 23,650.00 | 1,000.00 | | 4,300.00 | 11.500.00 | 6,500.00 |
| 815.08 | 16,289.75 | 552.84 | 86.04 | 88.44 | 199.78 | 85.74 |
| 121.77 | 13,238.77 | 1,741.01 | | | | |
| | | | | | | |
| 192,114.68 | 1,016.437.09 | 39,141.30 | 7,131.06 | 13,109.35 | 14,626.36 | 15,316.07 |
| | 162.67 | | | | | |
| 391,670.74 | 2,334,913.72 | 165,066.49 | 31,228.10 | 34,988.17 | 55,085.22 | 42,715.59 |
| | | | | | | |
| 391,670.74 | 2,334,913.72 | 165,066.49 | 31,228.10 | 34,988.17 | 55,085.22 | 42,715.59 |
| | 27,500.00 | | 5,211.13 | | 1,665.41 | |
| 365.63 | 3,019.59 | 226.26 | | 12.15 | | 63.15 |
| | | 1,822.73 | | | | |
| 1,392.00 | 61,525.23 | 1,897.51 | 278.03 | 25.00 | 116.93 | 98.53 |
| 1,757.63 | 92,044.82 | 3,946.50 | 5,489.16 | 37.15 | 1,782.34 | 161.68 |
| 192,114.68 | 1,016,437.09 | 39,141.30 | 7,131.06 | 13,109.35 | 14,626.36 | 15,316.07 |
| 73,992.93 | 473,024.11 | 30,772.98 | 7,399.45 | 5,868.13 | 10,096.68 | 6,938.18 |
| 7,579.69 | 23,651.38 | 40.93 | | 97.24 | | |
| 273,687.30 | 1,513,112.58 | 69,955.21 | 14,530.51 | 19,074.72 | 24,723.04 | 22,254.25 |
| 69,050.64 | 502,500.00 | 57,125.66 | 7,156.90 | 8,000.00 | 19,334.59 | 9,000.00 |
| | | | | | | |
| 47,175.17 | 227,256.32 | 34,039.12 | 4,051.53 | 7,876.30 | 9,245.25 | 11,299.66 |
| 116,225.81 | 729,756.32 | 91,164.78 | 11,208.43 | 15,876.30 | 28,579.84 | 20,299.66 |
| 391,670.74 | 2,334,913.72 | 165,066.49 | 31,228.10 | 34,988.17 | 55,085.22 | 42,715.59 |
| 0.9 | 4.3 | 3.1 | 22.8 | 0.2 | 4.4 | 0.6 |

## STATEMENT

### Balance Sheets of Electrical Departments of

**NIAGARA SYSTEM—Continued**

| Municipality | Burgess-ville | Caledonia | Campbell-ville P.V. | Cayuga | Chatham |
|---|---|---|---|---|---|
| Population |  |  |  | 687 | 17,893 |
| ASSETS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Lands and buildings |  | 656.01 |  |  | 90,216.28 |
| Substation equipment |  |  |  |  | 154,326.67 |
| Distribution system—overhead | 3,831.55 | 19,873.50 | 3,022.07 | 19,407.99 | 155,154.03 |
| Distribution system—underground |  |  |  |  | 86,297.88 |
| Line transformers | 1,638.74 | 7,199.59 | 1,040.07 | 5,966.17 | 107,825.44 |
| Meters | 1,209.93 | 8,665.34 | 850.90 | 4,127.77 | 83,409.61 |
| Street light equipment, regular | 261.02 | 2,082.68 | 335.61 | 1,357.57 | 20,047.03 |
| Street light equipment, ornamental |  |  |  |  | 35,426.10 |
| Miscellaneous construction expense | 457.22 | 1,559.45 | 6.82 | 542.56 | 29,846.40 |
| Steam or hydraulic plant |  |  |  |  |  |
| Old plant |  |  |  |  | 42,752.31 |
| Total plant | 7,398.46 | 40,036.57 | 5.255.47 | 31,402.06 | 805,301.75 |
| Bank and cash balance | 471.79 | 1,310.98 | 216.55 | 949.77 | 15,717.61 |
| Securities and investments | 1,800.00 | 4,700.00 | 2,900.00 | 2,200.00 | 90,000.00 |
| Accounts receivable | 16.01 | 96.45 | 331.92 | 106.26 | 28,142.97 |
| Inventories |  | 1,057.64 |  | 272.95 | 16,587.41 |
| Sinking fund on local debentures |  |  |  |  |  |
| Equity in H-E.P.C. systems | 5,919.94 | 25,532.74 | 2,942.52 | 10,982.11 | 445,007.72 |
| Other assets |  |  |  | .57 | 803.00 |
| Total assets | 15,606.20 | 72,734.38 | 11,646.46 | 45,913.72 | 1,401,560.46 |
| Deficit |  |  |  |  |  |
| Total | 15,606.20 | 72,734.38 | 11,646.46 | 45,913.72 | 1,401,560.46 |
| LIABILITIES |  |  |  |  |  |
| Debenture balance |  |  | 460.49 | 3,089.98 | 104,452.06 |
| Accounts payable | 18.84 | 224.18 | 37.10 | 269.09 | 13,888.56 |
| Bank overdraft |  |  |  |  |  |
| Other liabilities |  | 268.50 |  | 160.00 | 46,796.38 |
| Total liabilities | 18.84 | 492.68 | 497.59 | 3,519.07 | 165,137.00 |
| RESERVES |  |  |  |  |  |
| For equity in H-E.P.C. systems | 5,919.94 | 25,532.74 | 2,942.52 | 10,982.11 | 445,007.72 |
| For depreciation | 3,929.19 | 5,208.97 | 1,576.71 | 8,375.31 | 208,107.44 |
| Other reserves |  |  |  | 18.22 | 44,004.70 |
| Total reserves | 9,849.13 | 30,741.71 | 4,519.23 | 19,375.64 | 697,119.86 |
| SURPLUS |  |  |  |  |  |
| Debentures paid | 3,500.00 | 4,624.00 | 4,987.28 | 16,910.02 | 265,547.94 |
| Local sinking fund |  |  |  |  |  |
| Operating surplus | 2,238.23 | 36,875.99 | 1,642.36 | 6,108.99 | 273,755.66 |
| Total surplus | 5,738.23 | 41,499.99 | 6,629.64 | 23,019.01 | 539,303.60 |
| Total liabilities, reserves and surplus | 15,606.20 | 72,734.38 | 11,646.46 | 45,913.72 | 1,401,560.46 |
| Percentage of net debt to total assets | 0.2 | 1.0 | 5.7 | 10.1 | 14.1 |

**"A"—Continued**

**Hydro Municipalities as at December 31, 1942**

| Chippawa<br>1,320 | Clifford<br>452 | Clinton<br>1,922 | Comber<br>P.V. | Cottam<br>P.V. | Courtwright<br>341 | Dashwood<br>P.V. |
|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 1,434.46 | | 10,227.74 | 62.00 | 475.63 | | |
| | | 17,224.70 | | | | |
| 16,143.30 | 8,309.56 | 26,496.02 | 7,977.66 | 10,359.99 | 6,633.83 | 3,889.14 |
| | | | | | | |
| 9,521.89 | 1,810.86 | 11,222.78 | 5,080.42 | 2,274.24 | 1,225.40 | 2,400.81 |
| 6,184.65 | 2,656.47 | 11,570.36 | 3,023.47 | 2,239.68 | 1,014.46 | 1,920.89 |
| 3,141.60 | 1,014.93 | 5,705.10 | 423.35 | 366.43 | 425.08 | 364.52 |
| | | | | | | |
| 1,603.72 | 37.44 | 4,821.30 | 1,102.89 | 313.18 | 608.56 | 298.63 |
| | | | | | | |
| | | | | | | |
| 38,029.62 | 13,829.26 | 87,268.00 | 17,669.79 | 16,029.15 | 9,907.33 | 8,873.99 |
| 1,607.00 | 1,033.88 | 2,019.58 | 525.91 | 1,254.70 | 758.79 | 1,487.72 |
| 3,000.00 | 3,000.00 | 9,500.00 | 6,000.00 | 5,137.27 | 5,000.00 | 4,000.00 |
| 84.72 | 7.77 | 846.91 | 18.83 | 14.54 | 231.35 | 41.25 |
| 116.38 | | 3,614.20 | | | | |
| | | | | | | |
| 19,166.17 | 8,046.19 | 52,086.50 | 20,473.57 | 5,001.06 | 6,367.71 | 9,411.47 |
| 32.53 | | | | | | |
| 62,036.42 | 25,917.10 | 155,335.19 | 44,688.10 | 27,436.72 | 22,265.18 | 23,814.43 |
| | | | | | | |
| 62,036.42 | 25,917.10 | 155,335.19 | 44,688.10 | 27,436.72 | 22,265.18 | 23,814.43 |
| | 4,744.02 | | | 2,639.82 | | 820.03 |
| 17.94 | 20.44 | 370.67 | 87.63 | 120.99 | 15.61 | 41.54 |
| | | | | | | |
| 805.50 | 5.00 | 579.45 | 60.00 | 170.00 | 5.00 | |
| 823.44 | 4,769.46 | 950.12 | 147.63 | 2,930.81 | 20.61 | 861.57 |
| 19,166.17 | 8,046.19 | 52,086.50 | 20,473.57 | 5,001.06 | 6,367.71 | 9,411.47 |
| 5,934.21 | 4,165.92 | 29,059.17 | 7,813.65 | 5,536.49 | 2,927.40 | 3,813.74 |
| | | 3,966.91 | | 43.54 | 13.27 | |
| 25,100.38 | 12,212.11 | 85,112.58 | 28,287.22 | 10,581.09 | 9,308.38 | 13,225.21 |
| 13,350.00 | 3,255.98 | 44,500.00 | 7,700.00 | 6,360.40 | 8,138.35 | 2,579.97 |
| | | | | | | |
| 22,762.60 | 5,679.55 | 24,772.49 | 8,553.25 | 7,564.42 | 4,797.84 | 7,147.68 |
| 36,112.60 | 8,935.53 | 69,272.49 | 16,253.25 | 13,924.82 | 12,936.19 | 9,727.65 |
| 62,036.42 | 25,917.10 | 155,335.19 | 44,688.10 | 27,436.72 | 22,265.18 | 23,814.43 |
| 1.9 | 26.7 | 0.9 | 0.6 | 13.1 | 0.1 | 6.0 |

## STATEMENT

### Balance Sheets of Electrical Departments of

**NIAGARA SYSTEM—Continued**

| Municipality | Delaware | Delhi | Dorchester | Drayton | Dresden |
|---|---|---|---|---|---|
| Population | P.V. | 1,908 | P.V. | 526 | 1,529 |
| ASSETS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Lands and buildings | .......... | 2,177.24 | .......... | .......... | .......... |
| Substation equipment | .......... | .......... | .......... | .......... | 523.00 |
| Distribution system—overhead | 5,309.95 | 28,983.23 | 9,461.36 | 10,137.31 | 20,553.61 |
| Distribution system—underground | .......... | .......... | .......... | .......... | .......... |
| Line transformers | 1,819.08 | 16,354.51 | 3,317.06 | 4,425.18 | 7,992.81 |
| Meters | 1,420.22 | 12,683.10 | 2,902.19 | 3,662.59 | 7,955.08 |
| Street light equipment, regular | 205.24 | 3,860.38 | 907.18 | 772.21 | 1,652.15 |
| Street light equipment, ornamental | .......... | .......... | .......... | .......... | .......... |
| Miscellaneous construction expense | 203.81 | 3,845.61 | 378.43 | 469.54 | 2,083.46 |
| Steam or hydraulic plant | .......... | .......... | .......... | .......... | .......... |
| Old plant | .......... | 28,518.74 | .......... | .......... | .......... |
| Total plant | 8,958.30 | 96,422.81 | 16,966.22 | 19,466.83 | 40,760.11 |
| Bank and cash balance | 201.80 | 2,784.08 | 835.06 | 975.86 | 3,072.34 |
| Securities and investments | 1,850.00 | 13,000.00 | 3,800.00 | 6,500.00 | 6,000.00 |
| Accounts receivable | 2.76 | 213.43 | 753.45 | 60.44 | 873.62 |
| Inventories | .......... | 3,225.65 | 90.52 | .......... | 1,831.33 |
| Sinking fund on local debentures | .......... | .......... | .......... | .......... | .......... |
| Equity in H-E.P.C. systems | 3,733.11 | 5,768.25 | 8,515.27 | 14,038.82 | 35,673.33 |
| Other assets | 135.12 | 1.59 | .......... | .......... | 27.84 |
| Total assets | 14,881.09 | 121,415.81 | 30,960.52 | 41,041.95 | 88,238.57 |
| Deficit | .......... | .......... | .......... | .......... | .......... |
| Total | 14,881.09 | 121,415.81 | 30,960.52 | 41,041.95 | 88,238.57 |
| LIABILITIES | | | | | |
| Debenture balance | 484.30 | 74,997.99 | 760.20 | 2,912.22 | .......... |
| Accounts payable | 122.58 | 147.79 | .......... | 715.59 | 303.26 |
| Bank overdraft | .......... | .......... | .......... | .......... | .......... |
| Other liabilities | .......... | 1,447.65 | 28.00 | .......... | 458.00 |
| Total liabilities | 606.88 | 76,593.43 | 788.20 | 3,627.81 | 761.26 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems | 3,733.11 | 5,768.25 | 8,515.27 | 14,038.82 | 35,673.33 |
| For depreciation | 978.63 | 10,180.80 | 4,845.78 | 9,838.21 | 6,211.99 |
| Other reserves | 30.00 | 1,900.00 | 534.09 | .......... | 2,602.91 |
| Total reserves | 4,741.74 | 17,849.05 | 13,895.14 | 23,877.03 | 44,488.23 |
| SURPLUS | | | | | |
| Debentures paid | 3,515.70 | 10,002.01 | 3,539.80 | 6,587.78 | 11,423.24 |
| Local sinking fund | .......... | .......... | .......... | .......... | .......... |
| Operating surplus | 6,016.77 | 16,971.32 | 12,737.38 | 6,949.33 | 31,565.84 |
| Total surplus | 9,532.47 | 26,973.33 | 16,277.18 | 13,537.11 | 42,989.08 |
| Total liabilities, reserves and surplus | 14,881.09 | 121,415.81 | 30,960.52 | 41,041.95 | 88,238.57 |
| Percentage of net debt to total assets | 5.4 | 66.2 | 3.5 | 13.4 | 1.4 |

"A"—Continued

## Hydro Municipalities as at December 31, 1942

| Drumbo<br>P.V. | Dublin<br>P.V. | Dundas<br>5,163 | Dunnville<br>4,069 | Dutton<br>804 | East York Twp. | Elmira<br>2,048 |
|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| ........... | ........... | 19,180.32 | 3,495.43 | 75.11 | 26,415.38 | 7,458.03 |
| ........... | ........... | 13,999.39 | 39,710.85 | ........... | 8,893.55 | ........... |
| 4,737.26 | 5,893.54 | 54,501.39 | 41,688.87 | 10,158.81 | 371,351.28 | 38,347.49 |
| ........... | ........... | ........... | ........... | ........... | ........... | 540.21 |
| 1,801.50 | 1,354.25 | 27,402.73 | 23,524.00 | 4,348.03 | 107,605.64 | 23,874.21 |
| 2,156.10 | 1,168.53 | 27,245.30 | 21,462.58 | 3,663.00 | 171,498.08 | 15,331.49 |
| 284.27 | 544.86 | 11,535.93 | 9,756.04 | 754.38 | 30,998.99 | 2,288.27 |
| ........... | ........... | 1,154.52 | ........... | ........... | ........... | ........... |
| 235.58 | 787.06 | 5,505.15 | 7,567.74 | 312.03 | 29,790.40 | 1,037.08 |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| ........... | ........... | 1,867.38 | 10,717.62 | ........... | ........... | 2,168.08 |
| 9,214.71 | 9,748.24 | 162,392.11 | 157,923.13 | 19,311.36 | 746,553.32 | 91,044.86 |
| 2,340.14 | 1,486.82 | 7,815.38 | 5,531.43 | 395.25 | 16,086.57 | 3,546.25 |
| 4,500.00 | 1,300.00 | 21,500.00 | 32,000.00 | 8,000.00 | 6,000.00 | 12,000.00 |
| 25.03 | 69.10 | 445.13 | 903.29 | 21.44 | 26,245.51 | 92.69 |
| ........... | ........... | 289.34 | 1,532.74 | 142.90 | 8,734.46 | ........... |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| 7,406.37 | 6,296.24 | 155,913.24 | 69,577.24 | 22,004.04 | 313,011.37 | 85,004.90 |
| ........... | ........... | 212.08 | ........... | ........... | 1,300.14 | ........... |
| 23,486.25 | 18,900.40 | 348,567.28 | 267,467.83 | 49,874.99 | 1,117,931.37 | 191,688.70 |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| 23,486.25 | 18,900.40 | 348,567.28 | 267,467.83 | 49,874.99 | 1,117,931.37 | 191,688.70 |
| 544.29 | ........... | 2,152.21 | 19,903.61 | ........... | 96,031.16 | 6,318.61 |
| 95.13 | 19.68 | 486.11 | 125.40 | 9.87 | 49,507.39 | ........... |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| ........... | 11.00 | 9,226.04 | 2,148.05 | 207.36 | 15,253.67 | 790.65 |
| 639.42 | 30.68 | 11,864.36 | 22,177.06 | 217.23 | 160,792.22 | 7,109.26 |
| 7,406.37 | 6,296.24 | 155,913.24 | 69,577.24 | 22,004.04 | 313,011.37 | 85,004.90 |
| 5,902.06 | 5,823.15 | 75,341.49 | 46,423.98 | 10,626.95 | 132,803.38 | 32,227.05 |
| ........... | ........... | 398.54 | 6,500.00 | 33.23 | 3,067.56 | 2,500.00 |
| 13,308.43 | 12,119.39 | 231,653.27 | 122,501.22 | 32,664.22 | 448,882.31 | 119,731.95 |
| 3,955.71 | 6,200.00 | 50,847.79 | 55,596.39 | 8,407.49 | 261,036.62 | 30,849.89 |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| 5,582.69 | 550.33 | 54,201.86 | 67,193.16 | 8,586.05 | 247,220.22 | 33,997.60 |
| 9,538.40 | 6,750.33 | 105,049.65 | 122,789.55 | 16,993.54 | 508,256.84 | 64,847.49 |
| 23,486.25 | 18,900.40 | 348,567.28 | 267,467.83 | 49,874.99 | 1,117,931.37 | 191,688.70 |
| 4.0 | 0.2 | 5.6 | 11.2 | 0.8 | 20.0 | 6.7 |

## STATEMENT

### Balance Sheets of Electrical Departments of

**NIAGARA SYSTEM—Continued**

| Municipality | Elora | Embro | Erieau | Erie Beach | Essex |
|---|---|---|---|---|---|
| Population | 1,208 | 420 | *243 | †24 | 1,952 |
| ASSETS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Lands and buildings | 1,524.54 | ... | ... | ... | ... |
| Substation equipment | ... | ... | ... | ... | ... |
| Distribution system—overhead | 18,516.53 | 10,720.28 | 11,465.75 | 2,598.33 | 40,362.88 |
| Distribution system—underground | ... | ... | ... | ... | 442.55 |
| Line transformers | 8,373.29 | 4,665.12 | 2,495.04 | 925.32 | 18,361.45 |
| Meters | 7,006.05 | 2,401.65 | 3,262.71 | 900.39 | 13,575.72 |
| Street light equipment, regular | 1,298.49 | 535.73 | 435.74 | ... | 1,655.38 |
| Street light equipment, ornamental | ... | ... | ... | ... | 7,205.06 |
| Miscellaneous construction expense | 1,004.16 | 69.45 | 379.90 | 375.03 | 1,482.93 |
| Steam or hydraulic plant | ... | ... | ... | ... | ... |
| Old plant | ... | 429.25 | ... | ... | ... |
| Total plant | 37,723.06 | 18,821.48 | 18,039.14 | 4,799.07 | 83,085.97 |
| Bank and cash balance | 563.19 | 626.11 | 81.44 | 1,759.00 | 3,879.66 |
| Securities and investments | 12,500.00 | 2,500.00 | ... | ... | 24,000.00 |
| Accounts receivable | 47.25 | 39.88 | 121.70 | 62.97 | 1,107.45 |
| Inventories | 272.37 | ... | ... | ... | ... |
| Sinking fund on local debentures | ... | ... | ... | ... | ... |
| Equity in H-E.P.C. systems | 41,009.03 | 12,442.80 | 7,386.20 | 1,842.30 | 35,333.19 |
| Other assets | ... | ... | ... | ... | ... |
| Total assets | 92,114.90 | 34,430.27 | 25,628.48 | 8,463.34 | 147,406.27 |
| Deficit | ... | ... | ... | ... | ... |
| Total | 92,114.90 | 34,430.27 | 25,628.48 | 8,463.34 | 147,406.27 |
| LIABILITIES | | | | | |
| Debenture balance | ... | ... | 581.86 | 956.10 | 13,342.52 |
| Accounts payable | 358.28 | 64.04 | 164.88 | 37.07 | 239.93 |
| Bank overdraft | ... | ... | ... | ... | ... |
| Other liabilities | 316.25 | 25.00 | 30.00 | ... | 7,842.26 |
| Total liabilities | 674.53 | 89.04 | 776.74 | 993.17 | 21,424.71 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems | 41,009.03 | 12,442.80 | 7,386.20 | 1,842.30 | 35,333.19 |
| For depreciation | 19,026.40 | 6,992.94 | 5,437.44 | 782.41 | 27,180.21 |
| Other reserves | ... | 9.58 | 73.02 | ... | 2,029.66 |
| Total reserves | 60,035.43 | 19,445.32 | 12,896.66 | 2,624.71 | 64,543.06 |
| SURPLUS | | | | | |
| Debentures paid | 13,000.00 | 7,500.00 | 6,301.27 | 2,343.90 | 9,157.48 |
| Local sinking fund | ... | ... | ... | ... | ... |
| Operating surplus | 18,404.94 | 7,395.91 | 5,653.81 | 2,501.56 | 52,281.02 |
| Total surplus | 31,404.94 | 14,895.91 | 11,955.08 | 4,845.46 | 61,438.50 |
| Total liabilities, reserves and surplus | 92,114.90 | 34,430.27 | 25,628.48 | 8,463.34 | 147,406.27 |
| Percentage of net debt to total assets | 1.3 | 0.4 | 4.3 | 15.0 | 13.6 |

*Summer Population 993. †Summer population 324.

### "A"—Continued

### Hydro Municipalities as at December 31, 1942

| Etobicoke Twp. V.A. | Exeter | Fergus | Fonthill | Forest | Forest Hill | Galt |
|---|---|---|---|---|---|---|
| | 1,582 | 2,787 | 919 | 1,569 | 12,779 | 14,858 |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 34,709.67 | 3,832.48 | ........... | ........... | 6,528.31 | 39,434.92 | 202,082.05 |
| 2,683.09 | ........... | ........... | ........... | ........... | 80,767.90 | 155,192.44 |
| 336,261.28 | 32,898.76 | 35,467.10 | 12,678.47 | 23,457.54 | 193,344.03 | 282,862.81 |
| ........... | ........... | ........... | ........... | ........... | 2,169.95 | 4,828.20 |
| 111,288.64 | 13,308.95 | 22,291.56 | 6,149.37 | 12,429.13 | 110,965.56 | 135,415.11 |
| 88,191.49 | 9,709.64 | 15,108.83 | 5,601.93 | 11,550.57 | 64,902.15 | 85,845.34 |
| 16,096.11 | 4,902.87 | 6,126.75 | 1,801.02 | 2,663.94 | 9,505.00 | 72,298.23 |
| 2,689.44 | ........... | ........... | ........... | ........... | 16,795.63 | ........... |
| 32,062.24 | 2,283.36 | 1,073.90 | 262.11 | 1,318.43 | 19,106.28 | 22,800.58 |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| ........... | ........... | 2,546.59 | 3,500.00 | 11,042.87 | ........... | ........... |
| 623,981.96 | 66,936.06 | 82,614.73 | 29,992.90 | 68,990.79 | 536,991.42 | 961,324.76 |
| 2,829.11 | 1,990.71 | 4,895.83 | 2,951.22 | 1,622.29 | 17,082.83 | 419.25 |
| ........... | 19,000.00 | 12,000.00 | ........... | 19,510.00 | 30,000.00 | 62,000.00 |
| 16,403.41 | 1,814.97 | 281.21 | 65.10 | 176.07 | 1,550.59 | 39,357.43 |
| 10,074.08 | 1,537.44 | 94.34 | ........... | 3,175.37 | 5,872.29 | 32,981.46 |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| 251,540.22 | 46,862.48 | 70,847.37 | 7,259.67 | 37,501.36 | 199,995.60 | 608,515.67 |
| 95.79 | ........... | 295.95 | ........... | ........... | ........... | 8.07 |
| 904,924.57 | 138,141.66 | 171,029.43 | 40,268.89 | 130,975.88 | 791,492.73 | 1,704,606.64 |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| 904,924.57 | 138,141.66 | 171,029.43 | 40,268.89 | 130,975.88 | 791,492.73 | 1,704,606.64 |
| 65,341.12 | ........... | 6,201.49 | 5,866.17 | 1,304.35 | 271,255.97 | 9,914.62 |
| 42,210.98 | 494.50 | 176.23 | 189.47 | ........... | 1,402.63 | 24,869.07 |
| 7,921.25 | ........... | ........... | ........... | ........... | ........... | 27,688.31 |
| 11,226.74 | 596.50 | 469.25 | 339.30 | 180.96 | 30,126.61 | 3,779.28 |
| 126,700.09 | 1,091.00 | 6,846.97 | 6,394.94 | 1,485.31 | 302,785.21 | 66,251.28 |
| 251,540.22 | 46,862.48 | 70,847.37 | 7,259.67 | 37,501.36 | 199,995.60 | 608,515.67 |
| 141,858.49 | 20,562.52 | 16,880.67 | 4,463.84 | 22,896.16 | 117,640.93 | 380,116.05 |
| 17,144.70 | 2,534.61 | 5,222.63 | ........... | 1,300.00 | 750.00 | 31,300.46 |
| 410,543.41 | 69,959.61 | 92,950.67 | 11,723.51 | 61,697.52 | 318,386.53 | 1,019,932.18 |
| 200,354.28 | 20,000.05 | 35,798.51 | 16,633.83 | 33,095.65 | 91,525.63 | 508,087.33 |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| 167,326.79 | 47,091.00 | 35,433.28 | 5,516.61 | 34,697.40 | 78,795.36 | 110,335.85 |
| 367,681.07 | 67,091.05 | 71,231.79 | 22,150.44 | 67,793.05 | 170,320.99 | 618,423.18 |
| 904,924.57 | 138,141.66 | 171,029.43 | 40,268.89 | 130,975.88 | 791,492.73 | 1,704,606.64 |
| 19.1 | 1.2 | 6.8 | 19.4 | 1.6 | 49.8 | 6.0 |

## STATEMENT

### Balance Sheets of Electrical Departments of

**NIAGARA SYSTEM—Continued**

| Municipality | George-town | Glencoe | Goderich | Granton | Grimsby |
|---|---|---|---|---|---|
| Population | 2,498 | 764 | 4,886 | P.V. | *1,992 |
| | $ c. | $ c. | $ c. | $ c. | $ c. |
| ASSETS | | | | | |
| Lands and buildings | 3,712.35 | 3,457.66 | 15,588.63 | .......... | .......... |
| Substation equipment | .......... | .......... | 34,532.50 | .......... | .......... |
| Distribution system—overhead | 37,602.14 | 23,223.71 | 73,774.64 | 4,489.45 | 38,940.00 |
| Distribution system—underground | .......... | .......... | .......... | .......... | .......... |
| Line transformers | 26,726.79 | 7,511.85 | 23,055.28 | 1,515.11 | 23,625.00 |
| Meters | 17,143.04 | 4,822.79 | 23,512.28 | 1,654.60 | 18,178.50 |
| Street light equipment, regular | 4,598.54 | 2,106.42 | 9,159.76 | 180.78 | 2,532.00 |
| Street light equipment, ornamental | .......... | .......... | .......... | .......... | 1,925.00 |
| Miscellaneous construction expense | 2,243.27 | 3,445.45 | 6,317.12 | 113.08 | 2,592.00 |
| Steam or hydraulic plant | .......... | .......... | .......... | .......... | .......... |
| Old plant | 2,209.80 | .......... | 14,622.15 | .......... | .......... |
| Total plant | 94,235.93 | 44,567.88 | 200,562.36 | 7,953.02 | 87,792.50 |
| Bank and cash balance | 1,989.95 | 2,262.50 | 10,833.43 | 1,409.00 | .......... |
| Securities and investments | 17,229.07 | 9,500.00 | 35,000.00 | 3,700.00 | .......... |
| Accounts receivable | 721.20 | 302.86 | 1,228.33 | 117.10 | 14,380.52 |
| Inventories | .......... | 377.11 | 1,553.47 | .......... | .......... |
| Sinking fund on local debentures | .......... | .......... | .......... | .......... | .......... |
| Equity in H-E.P.C. systems | 116,147.42 | 22,762.97 | 137,160.81 | 8,918.99 | .......... |
| Other assets | .......... | .......... | 3,429.34 | .......... | .......... |
| Total assets | 230,323.57 | 79,773.32 | 389,767.74 | 22,098.11 | 102,173.02 |
| Deficit | .......... | .......... | .......... | .......... | .......... |
| Total | 230,323.57 | 79,773.32 | 389,767.74 | 22,098.11 | 102,173.02 |
| LIABILITIES | | | | | |
| Debenture balance | 1,370.70 | .......... | 24,091.16 | 680.24 | 82,478.00 |
| Accounts payable | 195.84 | 199.16 | 1,284.31 | 354.42 | 36.30 |
| Bank overdraft | .......... | .......... | .......... | .......... | .......... |
| Other liabilities | 1,594.66 | 146.59 | 2,761.00 | .......... | 3,719.83 |
| Total liabilities | 3,161.20 | 345.75 | 28,136.47 | 1,034.66 | 86,234.13 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems | 116,147.42 | 22,762.97 | 137,160.81 | 8,918.99 | .......... |
| For depreciation | 24,789.18 | 15,505.78 | 103,108.64 | 3,878.25 | 2,300.50 |
| Other reserves | .......... | 855.34 | 807.45 | 60.00 | .......... |
| Total reserves | 140,936.60 | 39,124.09 | 241,076.90 | 12,857.24 | 2,300.50 |
| SURPLUS | | | | | |
| Debentures paid | 18,629.30 | 20,121.88 | 71,996.89 | 2,819.76 | 2,866.00 |
| Local sinking fund | .......... | .......... | .......... | .......... | .......... |
| Operating surplus | 67,596.47 | 20,190.60 | 48,557.48 | 5,386.45 | 10,772.39 |
| Total surplus | 86,225.77 | 40,303.48 | 120,554.37 | 8,206.21 | 13,638.39 |
| Total liabilities, reserves and surplus | 230,323.57 | 79,773.32 | 389,767.74 | 22,098.11 | 102,173.02 |
| Percentage of net debt to total assets | 2.8 | 0.6 | 11.1 | 7.9 | 84.1 |

*11 months operation.

**"A"—Continued**

## Hydro Municipalities as at December 31, 1942

| Guelph | Hagersville | Hamilton | Harriston | Harrow | Hensall | Hespeler |
|---|---|---|---|---|---|---|
| 22,685 | 1,429 | 160,813 | 1,287 | 1,086 | 680 | 2,967 |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 14,670.38 | | 972,401.18 | 395.25 | 2,318.16 | | 4,684.43 |
| 165,379.10 | 864.37 | 2,215,292.97 | 600.00 | | | 39,962.26 |
| 252,666.61 | 21,617.91 | 1,293,969.14 | 23,001.18 | 20,401.71 | 12,645.26 | 32,256.50 |
| 27,712.18 | | 811,301.35 | | | | |
| 119,398.48 | 12,124.10 | 958,339.05 | 8,463.85 | 11,031.57 | 6,811.35 | 28,767.16 |
| 117,495.76 | 9,988.60 | 818,465.11 | 9,657.22 | 8,188.77 | 4,050.80 | 14,486.38 |
| 45,058.14 | 1,135.27 | 286,233.04 | 1,332.00 | 943.46 | 612.83 | 8,160.72 |
| | | | | | | |
| 13,180.23 | 780.47 | 106,056.45 | 1,084.02 | 699.79 | 645.66 | 1,972.71 |
| | | | | | | |
| | | | 1,001.43 | | 400.00 | |
| 755,560.88 | 46,510.72 | 7,462,058.29 | 45,534.95 | 43,583.46 | 25.165.90 | 130,290.16 |
| 2,244.41 | 5,903.90 | 230,358.06 | 550.59 | 2,653.88 | 843.11 | 9,429.85 |
| 35,000.00 | 23,000.00 | | 9,000.00 | 1,200.00 | 9,500.00 | 10,000.00 |
| 5,960.48 | 14.20 | 377,013.43 | 144.77 | 160.64 | 208.62 | 716.45 |
| 23,657.42 | 8.67 | 203,671.59 | 195.23 | 113.18 | | 700.60 |
| | | 41,206.77 | | | | |
| 739,326.60 | 84,636.25 | 5,430,304.98 | 37,609.57 | 28,469.43 | 18,464.63 | 129,825.43 |
| 128.00 | 9.44 | 89,561.45 | 8.39 | | | 12.35 |
| 1,561,877.79 | 160,083.18 | 13,834,174.57 | 93,043.50 | 76,180.59 | 54,182.26 | 280,974.84 |
| | | | | | | |
| 1,561,877.79 | 160,083.18 | 13,834,174.57 | 93,043.50 | 76,180.59 | 54,182.26 | 280,974.84 |
| | 371.72 | 882,000.00 | 3,451.19 | | 2,411.20 | 13,738.11 |
| 23,212.95 | 118.05 | 318,891.23 | .16 | 465.08 | | 384.19 |
| | | | | | | |
| 2,615.33 | 570.00 | *332,450.94 | 110.82 | 295.00 | 40.00 | 220.00 |
| 25,828.28 | 1,059.77 | 1,533,342.17 | 3,562.17 | 760.08 | 2,451.20 | 14,342.30 |
| 739,326.60 | 84,636.25 | 5,430,304.98 | 37,609.57 | 28,469.43 | 18,464.63 | 129,825.43 |
| 176,755.10 | 16,566.00 | 1,551,649.55 | 14,059.06 | 10,352.53 | 11,153.03 | 29,322.61 |
| 1,052.46 | 1,500.00 | 837,366.67 | | 136.30 | | 166.92 |
| 917,134.16 | 102,702.25 | 7,819,321.20 | 51,668.63 | 38,958.26 | 29,617.66 | 159,314.96 |
| 145,000.00 | 7,628.28 | 3,178,275.19 | 22,366.84 | 12,000.00 | 9,588.80 | 63,832.40 |
| | | 41,206.77 | | | | |
| 473,915.35 | 48,692.88 | 1,262,029.24 | 15,445.86 | 24,462.25 | 12,524.60 | 43,485.18 |
| 618,915.35 | 56,321.16 | 4,481,511.20 | 37,812.70 | 36,462.25 | 22,113.40 | 107,317.58 |
| 1,561,877.79 | 160,083.18 | 13,834,174.57 | 93,043.50 | 76,180.59 | 54,182.26 | 280,974.84 |
| 3.1 | 1.4 | 17.8 | 6.5 | 1.6 | 6.8 | 9.5 |

*$100,000.00 balance re purchase agreement.

## STATEMENT

### Balance Sheets of Electrical Departments of

**NIAGARA SYSTEM—Continued**

| Municipality | Highgate | Humberstone | Ingersoll | Jarvis | Kingsville |
|---|---|---|---|---|---|
| Population | 312 | 2,896 | 5,616 | | 2,367 |
| ASSETS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Lands and buildings | .......... | .......... | 15,772.13 | .......... | 8,592.27 |
| Substation equipment | .......... | .......... | 51,488.29 | .......... | .......... |
| Distribution system—overhead | 8,333.72 | 24,507.84 | 59,294.16 | 10,080.96 | 35,258.49 |
| Distribution system—underground | .......... | .......... | .......... | .......... | .......... |
| Line transformers | 2,109.25 | 14,338.39 | 37,391.05 | 3,422.06 | 16,814.68 |
| Meters | 2,001.63 | 11,037.06 | 30,107.94 | 3,087.95 | 16,516.77 |
| Street light equipment, regular | 453.91 | 943.79 | 4,988.75 | 931.82 | 1,470.29 |
| Street light equipment, ornamental | .......... | .......... | 4,597.59 | .......... | 19,200.00 |
| Miscellaneous construction expense | 491.60 | 3,384.60 | 9,506.74 | 606.53 | 474.86 |
| Steam or hydraulic plant | .......... | .......... | .......... | .......... | .......... |
| Old plant | .......... | .......... | .......... | .......... | .......... |
| Total plant | 13,390.11 | 54,211.68 | 213,146.65 | 18,129,32 | 98,327.36 |
| Bank and cash balance | 315.30 | 2,024.81 | 2,505.42 | 833.80 | 3,474.75 |
| Securities and investments | 4,500.00 | 20,000.00 | 8,540.08 | 10,500.00 | 24,000.00 |
| Accounts receivable | 47.50 | 86.39 | 620.39 | 89.21 | 289.25 |
| Inventories | .......... | .......... | 1,442.43 | .......... | 212.65 |
| Sinking fund on local debentures | .......... | .......... | .......... | .......... | .......... |
| Equity in H-E.P.C. systems | 10,690.32 | 23,898.50 | 204,850.17 | 16,834.54 | 45,913.75 |
| Other assets | .......... | .......... | 23.13 | .......... | .......... |
| Total assets | 28,943.23 | 100,221.38 | 431,128.27 | 46,386.87 | 172,217.76 |
| Deficit | .......... | .......... | .......... | .......... | .......... |
| Total | 28,943.23 | 100,221.38 | 431,128.27 | 46,386.87 | 172,217.76 |
| LIABILITIES | | | | | |
| Debenture balance | .......... | 4,000.00 | .......... | 832.84 | 20,404.12 |
| Accounts payable | 158.31 | .......... | 15,640.76 | 44.20 | 5.85 |
| Bank overdraft | .......... | .......... | .......... | .......... | .......... |
| Other liabilities | 70.00 | 1,920.21 | 6,727.59 | .......... | 22,235.30 |
| Total liabilities | 228.31 | 5,920.21 | 22,368.35 | 877.04 | 42,645.27 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems | 10,690.32 | 23,898.50 | 204,850.17 | 16,834.54 | 45,913.75 |
| For depreciation | 6,591.58 | 7,873.81 | 25,462.46 | 6,425.84 | 31,813.76 |
| Other reserves | .......... | 1,500.00 | 1,924.68 | .......... | 388.66 |
| Total reserves | 17,281.90 | 33,272.31 | 232,237.31 | 23,260.38 | 78,116.17 |
| SURPLUS | | | | | |
| Debentures paid | 5,000.00 | 28,000.00 | 79,800.00 | 9,667.16 | 13,095.88 |
| Local sinking fund | .......... | .......... | .......... | .......... | .......... |
| Operating surplus | 6,433.02 | 33,028.86 | 96,722.61 | 12,582.29 | 38,360.44 |
| Total surplus | 11,433.02 | 61,028.86 | 176,522.61 | 22,249.45 | 51,456.32 |
| Total liabilities, reserves and surplus | 28,943.23 | 100,221.38 | 431,128.27 | 46,386.87 | 172,217.76 |
| Percentage of net debt to total assets | 1.2 | 7.8 | 8.0 | 2.9 | 21.9 |

**"A"—Continued**

**Hydro Municipalities as at December 31, 1942**

| Kitchener | Lambeth | La Salle | Leamington | Listowel | London |
|---|---|---|---|---|---|
| 34,734 | P.V. | 1,010 | 5,534 | 3,002 | 76,086 |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 248,273.73 | ........ | 1,210.68 | 18,580.07 | 1,459.49 | 456,373.02 |
| 465,974.75 | ........ | ........ | 7,101.97 | ........ | 1,052,184.20 |
| 394,567.47 | 9,158.90 | 22,206.43 | 64,407.09 | 48,519.95 | 826,370.60 |
| 38,026.26 | ........ | ........ | 17,209.04 | 5,522.87 | 402,230.33 |
| 261,015.71 | 2,424.87 | 6,775.22 | 27,547.87 | 23,928.93 | 425,803.04 |
| 246,968.17 | 2,751.69 | 5,006.49 | 29,885.18 | 18,657.19 | 407,677.81 |
| 76,299.58 | 1,053.80 | 1,054.22 | 1,574.66 | 3,139.12 | 73,053.32 |
| 126,922.86 | ........ | ........ | 15,178.49 | 1,539.79 | 92,286.12 |
| 16,397.07 | 315.71 | 1,809.42 | 2,033.71 | 2,555.45 | 157,727.88 |
| ........ | ........ | ........ | ........ | ........ | ........ |
| 52,363.91 | ........ | ........ | ........ | 4,745.30 | ........ |
| 1,926,809.51 | 15,704.97 | 38,062.46 | 183,518.08 | 110,068.09 | 3,893,706.32 |
| 31,343.35 | 292.17 | 2,555.97 | 12,691.31 | 8,624.04 | 100,361.23 |
| 50,000.00 | 2,000.00 | 4,000.00 | 38,500.00 | 14,000.00 | 349,500.00 |
| 75,241.17 | 376.52 | 356.05 | 372.77 | 559.46 | 173,904.32 |
| 39,144.72 | ........ | 10.20 | ........ | 220.95 | 72,016.30 |
| ........ | ........ | ........ | ........ | ........ | 395,539.59 |
| 1,455,457.02 | 10,848.28 | 15,744.77 | 98,474.32 | 86,732.10 | 2,719,372.84 |
| 795.71 | ........ | ........ | 328.05 | 55.27 | 183.62 |
| 3,578,791.48 | 29,221.94 | 60,729.45 | 333,884.53 | 220,259.91 | 7,704,584.22 |
| ........ | ........ | ........ | ........ | ........ | ........ |
| 3,578,791.48 | 29,221.94 | 60,729.45 | 333,884.53 | 220,259.91 | 7,704,584.22 |
| 214,337.97 | ........ | 3,612.21 | ........ | ........ | 349,550.82 |
| 61,154.00 | 78.32 | 205.23 | 4,448.21 | 3,563.67 | 105,465.00 |
| ........ | ........ | ........ | ........ | ........ | ........ |
| 128,651.66 | 190.00 | 1,023.40 | 18,528.67 | 2,014.69 | 100,101.62 |
| 404,143.63 | 268.32 | 4,840.84 | 22,976.88 | 5,578.36 | 555,117.44 |
| 1,455,457.02 | 10,848.28 | 15,744.77 | 98,474.32 | 86,732.10 | 2,719,372.84 |
| 517,141.60 | 6,407.30 | 13,875.84 | 46,897.30 | 51,436.39 | 1,583,658.83 |
| 7,154.53 | 242.08 | 207.00 | 5,220.73 | 2,500.00 | 184,867.98 |
| 1,979,753.15 | 17,497.66 | 29,827.61 | 150,592.35 | 140,668.49 | 4,487,899.65 |
| 522,812.03 | 4,000.00 | 11,887.79 | 48,000.00 | 43,189.89 | 1,232,349.18 |
| ........ | ........ | ........ | ........ | ........ | 395,539.59 |
| 672,082.67 | 7,455.96 | 14,173.21 | 112,315.30 | 30,823.17 | 1,033,678.36 |
| 1,194,894.70 | 11,455.96 | 26,061.00 | 160,315.30 | 74,013.06 | 2,661,567.13 |
| 3,578,791.48 | 29,221.94 | 60,729.45 | 333,884.53 | 220,259.91 | 7,704,584.22 |
| 13.9 | 1.5 | 10.8 | 3.5 | 3.1 | 1.5 |

## STATEMENT

### Balance Sheets of Electrical Departments of

**NIAGARA SYSTEM—Continued**

| Municipality | London Twp. V.A. | Long Branch | Lucan | Lynden | Markham |
|---|---|---|---|---|---|
| Population |  | 4,600 | 621 |  | 1,126 |
|  | $ c. | $ c. | $ c. | $ c. | $ c. |
| ASSETS |  |  |  |  |  |
| Lands and buildings | .......... | .......... | 375.45 | 241.18 | .......... |
| Substation equipment | .......... | .......... | .......... | .......... | .......... |
| Distribution system—overhead | 23,928.77 | 61,385.90 | 11,737.90 | 4,869.69 | 19,354.48 |
| Distribution system—underground | .......... | .......... | .......... | .......... | .......... |
| Line transformers | 8,906.12 | 19,203.25 | 4,592.28 | 3,136.23 | 10,284.45 |
| Meters | 6,570.76 | 23,176.51 | 4,058.06 | 2,280.80 | 7,614.05 |
| Street light equipment, regular | 1,819.11 | 5,791.06 | 4,549.30 | 354.06 | 833.91 |
| Street light equipment, ornamental | .......... | .......... | .......... | .......... | .......... |
| Miscellaneous construction expense | 2,272.89 | 2,305.28 | 771.90 | 233.57 | 1,333.75 |
| Steam or hydraulic plant | .......... | .......... | .......... | .......... | .......... |
| Old plant | 1,733.80 | .......... | 2,860.45 | .......... | .......... |
| Total plant | 45,231.45 | 111,862.00 | 28,945.34 | 11,115.53 | 39,420.64 |
| Bank and cash balance | 2,899.55 | 1,319.26 | 1,190.93 | 1,825.44 | 2,431.36 |
| Securities and investments | .......... | .......... | 6,000.00 | 1,000.00 | 10,000.00 |
| Accounts receivable | 449.29 | 15,462.81 | 64.61 | 45.24 | 201.29 |
| Inventories | .......... | .......... | .......... | .......... | .......... |
| Sinking fund on local debentures | .......... | .......... | .......... | .......... | .......... |
| Equity in H-E.P.C. systems | 23,386.09 | 30,331.44 | 20,278.92 | 14,391.34 | 21,575.05 |
| Other assets | .......... | .......... | .......... | .......... | .......... |
| Total assets | 71,966.38 | 158,975.51 | 56,479.80 | 28,377.55 | 73,628.34 |
| Deficit | .......... | .......... | .......... | .......... | .......... |
| Total | 71,966.38 | 158,975.51 | 56,479.80 | 28,377.55 | 73,628.34 |
| LIABILITIES |  |  |  |  |  |
| Debenture balance | 1,910.65 | 6,202.89 | 1,328.55 | 834.75 | .......... |
| Accounts payable | 5,912.08 | 3,281.67 | 65.88 | 31.05 | .......... |
| Bank overdraft | .......... | .......... | .......... | .......... | .......... |
| Other liabilities | 547.16 | 2,805.74 | 182.00 | 14.00 | 276.00 |
| Total liabilities | 8,369.89 | 12,290.30 | 1,576.43 | 879.80 | 276.00 |
| RESERVES |  |  |  |  |  |
| For equity in H-E.P.C. systems | 23,386.09 | 30,331.44 | 20,278.92 | 14,391.34 | 21,575.05 |
| For depreciation | 11,865.05 | 25,565.67 | 9,165.52 | 4,129.43 | 8,768.37 |
| Other reserves | 3.82 | 4,322.30 | .......... | .......... | 1,617.26 |
| Total reserves | 35,254.96 | 60,219.41 | 29,444.44 | 18,520.77 | 31,960.68 |
| SURPLUS |  |  |  |  |  |
| Debentures paid | 17,089.35 | 34,101.71 | 9,885.07 | 3,660.25 | 11,373.63 |
| Local sinking fund | .......... | .......... | .......... | .......... | .......... |
| Operating surplus | 11,252.18 | 52,364.09 | 15,573.86 | 5,316.73 | 30,018.03 |
| Total surplus | 28,341.53 | 86,465.80 | 25,458.93 | 8,976.98 | 41,391.66 |
| Total liabilities, reserves and surplus | 71,966.38 | 158,975.51 | 56,479.80 | 28,377.55 | 73,628.34 |
| Percentage of net debt to total assets | 17.2 | 9.6 | 4.4 | 6.3 | 0.5 |

**"A"—Continued**

**Hydro Municipalities as at December 31, 1942**

| Merlin<br>P.V. | Merritton | Milton<br>1,922 | Milverton<br>995 | Mimico<br>7,641 | Mitchell<br>1,678 | Moorefield<br>P.V. |
|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| ............ | 6,764.41 | 13,858.12 | 761.88 | 20,455.40 | 18,438.97 | ............ |
| ............ | 96,695.94 | 16,418.16 | ............ | 43,265.89 | 16,616.28 | ............ |
| 9,202.48 | 42,752.34 | 23,581.86 | 12,700.06 | 82,742.28 | 33,582.62 | 3,180.68 |
| ............ | ............ | ............ | ............ | ............ | ............ | ............ |
| 4,065.36 | 14,400.26 | 16,595.97 | 8,464.30 | 42,132.52 | 15,324.27 | 1,512.75 |
| 2,634.09 | 17,671.82 | 15,757.22 | 5,387.14 | 34,722.00 | 13,219.02 | 1,407.55 |
| 570.46 | 4,992.52 | 5,416.92 | 848.75 | 10,167.55 | 7,132.20 | 295.88 |
| ............ | ............ | ............ | ............ | ............ | ............ | ............ |
| 478.50 | 2,963.93 | 3,405.14 | 610.50 | 11,845.36 | 1,456.55 | 354.05 |
| ............ | ............ | ............ | ............ | ............ | ............ | ............ |
| ............ | ............ | 3,092.54 | ............ | ............ | 1,380.00 | ............ |
| 16,950.89 | 186,241.22 | 98,125.93 | 28,772.63 | 245,331.00 | 107,149.91 | 6,750.91 |
| 1,219.16 | 11,351.71 | 960.54 | 1,387.19 | 14,882.14 | 954.69 | 868.31 |
| 10,500.00 | 20,000.00 | 18,000.00 | 7,000.00 | 22,000.00 | 14,950.00 | 3,000.00 |
| 4.51 | 386.47 | 314.68 | 113.97 | 1,869.74 | 4,958.74 | 23.44 |
| ............ | ............ | 3,375.76 | ............ | ............ | 4,856.92 | ............ |
| ............ | ............ | ............ | ............ | ............ | ............ | ............ |
| 12,820.04 | 179,722.80 | 110,785.81 | 46,552.97 | 156,792.27 | 49,061.69 | 6,768.56 |
| ............ | 1.57 | 140.62 | ............ | 161.40 | 1.27 | ............ |
| 41,494.60 | 397,703.77 | 231,703.34 | 83,826.76 | 441,036.55 | 181,933.22 | 17,411.22 |
| ............ | ............ | ............ | ............ | ............ | ............ | ............ |
| 41,494.60 | 397,703.77 | 231,703.34 | 83,826.76 | 441,036.55 | 181,933.22 | 17,411.22 |
| ............ | 2,207.29 | ............ | ............ | 25,366.74 | ............ | ............ |
| 276.06 | 114.09 | 232.95 | 221.20 | 1,000.60 | 275.22 | 22.80 |
| ............ | ............ | ............ | ............ | ............ | ............ | ............ |
| 85.00 | ............ | 675.08 | ............ | 7,302.76 | 298.00 | ............ |
| 361.06 | 2,321.38 | 908.03 | 221.20 | 33,670.10 | 573.22 | 22.80 |
| 12,820.04 | 179,722.80 | 110,785.81 | 46,552.97 | 156,792.27 | 49,061.69 | 6,768.56 |
| 5,348.36 | 30,749.34 | 27,592.94 | 8,711.50 | 81,615.88 | 44,996.08 | 3,883.93 |
| 23.40 | 12,000.00 | 4,697.89 | ............ | 5,242.07 | 1,843.93 | ............ |
| 18,191.80 | 222,472.14 | 143,076.64 | 55,264.47 | 243,650.22 | 95,901.70 | 10,652.49 |
| 13,122.36 | 29,978.92 | 33,046.41 | 9,500.00 | 101,633.26 | 22,295.22 | 4,500.00 |
| ............ | ............ | ............ | ............ | ............ | ............ | ............ |
| 9,819.38 | 142,931.33 | 54,672.26 | 18,841.09 | 62,082.97 | 63,163.08 | 2,235.93 |
| 22,941.74 | 172,910.25 | 87,718.67 | 28,341.09 | 163,716.23 | 85,458.30 | 6,735.93 |
| 41,494.60 | 397,703.77 | 231,703.34 | 83,826.76 | 441,036.55 | 181,933.22 | 17,411.22 |
| 1.3 | 1.1 | 0.8 | 0.6 | 11.8 | 0.4 | 0.2 |

## STATEMENT

### Balance Sheets of Electrical Departments of

**NIAGARA SYSTEM—Continued**

| Municipality<br>Population | Mount Brydges | Newbury<br>245 | New Hamburg<br>1,438 | New Toronto<br>7,855 | Niagara Falls<br>19,726 |
|---|---|---|---|---|---|
| | $ c. | $ c. | $ c. | $ c. | $ c. |
| ASSETS | | | | | |
| Lands and buildings | ........ | .......... | 2,517.19 | 45,514.80 | 132,550.59 |
| Substation equipment | ........ | .......... | 1,217.05 | .......... | 271,299.87 |
| Distribution system—overhead | 7,697.47 | 6,945.58 | 25,109.15 | 98,562.34 | 207,729.77 |
| Distribution system—underground | ........ | .......... | .......... | 17,198.72 | .......... |
| Line transformers | 1,845.43 | 1,571.26 | 9,871.11 | 46,195.62 | 189,164.76 |
| Meters | 2,788.12 | 1,406.91 | 10,344.90 | 41,479.63 | 123,566.61 |
| Street light equipment, regular | 1,385.36 | 881.47 | 2,274.20 | 14,721.65 | 118,545.95 |
| Street light equipment, ornamental | ........ | .......... | .......... | .......... | .......... |
| Miscellaneous construction expense | 105.90 | 558.91 | 328.90 | 7,816.89 | 22,828.97 |
| Steam or hydraulic plant | ........ | .......... | .......... | .......... | .......... |
| Old plant | ........ | .......... | 5,242.56 | .......... | .......... |
| Total plant | 13,822.28 | 11,364.13 | 56,905.06 | 271,489.65 | 1,065,686.52 |
| Bank and cash balance | 1,513.75 | 849.06 | 858.33 | 17,252.71 | 75,013.95 |
| Securities and investments | 10,000.00 | 3,500.00 | 11,000.00 | 57,000.00 | 125,000.00 |
| Accounts receivable | 914.78 | 740.28 | 279.72 | 1,382.10 | 1,284.44 |
| Inventories | ........ | .......... | 726.89 | 4,932.04 | 9,128.79 |
| Sinking fund on local debentures | ........ | .......... | .......... | .......... | .......... |
| Equity in H-E.P.C. systems | 8,472.84 | 4,920.17 | 53,992.73 | 502,521.76 | 623,841.04 |
| Other assets | ........ | 39.78 | .......... | .......... | 1,440.19 |
| Total assets | 34,723.65 | 21,413.42 | 123,762.73 | 854,578.26 | 1,901,394.93 |
| Deficit | ........ | .......... | .......... | .......... | .......... |
| Total | 34,723.65 | 21,413.42 | 123,762.73 | 854,578.26 | 1,901,394.93 |
| LIABILITIES | | | | | |
| Debenture balance | 536.11 | .......... | .......... | 495.62 | 80,743.20 |
| Accounts payable | 325.42 | 35.79 | .......... | 1,773.82 | 9,464.79 |
| Bank overdraft | ........ | .......... | .......... | .......... | .......... |
| Other liabilities | 164.35 | 55.00 | 245.00 | 7,013.20 | 17,820.95 |
| Total liabilities | 1,025.88 | 90.79 | 245.00 | 9,282.64 | 108,028.94 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems | 8,472.84 | 4,920.17 | 53,992.73 | 502,521.76 | 623,841.04 |
| For depreciation | 5,273.30 | 5,182.81 | 19,499.34 | 80,167.10 | 321,951.56 |
| Other reserves | 97.38 | .......... | 1,633.83 | 12,534.98 | 14,212.69 |
| Total reserves | 13,843.52 | 10,102.98 | 75,125.90 | 595,223.84 | 960,005.29 |
| SURPLUS | | | | | |
| Debentures paid | 3,683.89 | 9,754.39 | 17,729.08 | 7,504.38 | 609,499.80 |
| Local sinking fund | ........ | .......... | .......... | .......... | .......... |
| Operating surplus | 16,170.36 | 1,465.26 | 30,662.75 | 242,567.40 | 223,860.90 |
| Total surplus | 19,854.25 | 11,219.65 | 48,391.83 | 250,071.78 | 833,360.70 |
| Total liabilities, reserves and surplus | 34,723.65 | 21,413.42 | 123,762.73 | 854,578.26 | 1,901,394.93 |
| Percentage of net debt to total assets | 3.9 | 0.5 | 0.4 | 2.7 | 8.5 |

**"A"—Continued**

**Hydro Municipalities as at December 31, 1942**

| Niagara-on-the-Lake 2,019 | North York Twp. | Norwich 1,297 | Oil Springs 506 | Otterville P.V. | Palmerston 1,419 | Paris 4,604 |
|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 2,307.35 | 29,317.82 | 4,660.42 | 6,299.16 | .......... | .......... | 8,849.55 |
| 17,730.92 | .......... | .......... | .......... | .......... | 1,346.28 | 49,807.14 |
| 39,983.06 | 479,599.49 | 12,076.99 | 14,975.03 | 8,826.38 | 33,363.31 | 56,778.00 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 17,301.73 | 149,585.01 | 7,283.58 | 6,337.29 | 4,757.38 | 11,406.81 | 27,062.69 |
| 12,094.43 | 105,766.81 | 8,402.95 | 4,071.88 | 3,375.97 | 8,653.05 | 22,122.50 |
| 3,619.52 | 156.00 | 4,685.64 | 308.24 | 1,684.17 | 6,818.19 | 14,084.12 |
| .......... | 21,090.84 | .......... | .......... | .......... | .......... | .......... |
| 2,544.19 | 26,485.35 | 511.41 | 1,648.13 | 513.88 | 1,796.07 | 2,366.25 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| .......... | .......... | .......... | .......... | .......... | 4,018.71 | .......... |
| 95,581.20 | 812,001.32 | 37,620.99 | 33,639.73 | 19,157.78 | 67,402.42 | 181,070.25 |
| 491.93 | 42,984.00 | 3,993.64 | 4,268.59 | 186.21 | 1,337.68 | 5,311.49 |
| .......... | 10,000.00 | 7,500.00 | 2,000.00 | 3,980.00 | 4,000.00 | 22,500.00 |
| 1,663.25 | 6,789.29 | 2,378.89 | 67.91 | 1,039.06 | 818.00 | 596.47 |
| 5,958.99 | 16,526.61 | 1,828.47 | 97.17 | .......... | 2,325.51 | .......... |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 34,777.21 | 173,997.74 | 40,038.40 | 26,997.21 | 9,766.69 | 47,341.57 | 123,501.71 |
| 1.53 | .......... | .......... | .......... | .......... | 336.19 | 558.51 |
| 138,474.11 | 1,062,298.96 | 93,360.39 | 67,070.61 | 34,129.74 | 123,561.37 | 333,538.43 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 138,474.11 | 1,062,298.96 | 93,360.39 | 67,070.61 | 34,129.74 | 123,561.37 | 333,538.43 |
| 10,004.27 | 256,092.05 | .......... | .......... | .......... | .......... | 1,189.75 |
| 3,317.70 | 4,528.75 | 119.62 | 215.82 | 372.77 | 1,104.53 | 195.02 |
| 2,003.98 | .......... | .......... | .......... | .......... | .......... | .......... |
| 384.30 | 32,694.71 | 293.37 | 56.52 | 91.38 | 324.31 | 121.12 |
| 15,710.25 | 293,315.51 | 412.99 | 272.34 | 464.15 | 1,428.84 | 1,505.89 |
| 34,777.21 | 173,997.74 | 40,038.40 | 26,997.21 | 9,766.69 | 47,341.57 | 123,501.71 |
| 18,266.61 | 159,934.83 | 10,885.00 | 11,404.71 | 7,611.18 | 13,562.90 | 87,984.42 |
| 845.25 | 2,014.56 | 571.87 | 90.03 | .......... | 401.89 | 51.34 |
| 53,889.07 | 335,947.13 | 51,495.27 | 38,491.95 | 17,377.87 | 61,306.36 | 211,537.47 |
| 26,497.15 | 271,929.82 | 13,756.00 | 16,721.31 | 4,500.00 | 27,000.00 | 90,810.25 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 42,377.64 | 161,106.50 | 27,696.13 | 11,585.01 | 11,787.72 | 33,826.17 | 29,684.82 |
| 68,874.79 | 433,036.32 | 41,452.13 | 28,306.32 | 16,287.72 | 60,826.17 | 120,495.07 |
| 138,474.11 | 1,062,298.96 | 93,360.39 | 67,070.61 | 34,129.74 | 123,561.37 | 333,538.43 |
| 15.1 | 31.4 | 0.8 | 0.7 | 1.9 | 1.9 | 1.4 |

## STATEMENT

### Balance Sheets of Electrical Departments of

**NIAGARA SYSTEM—Continued**

| Municipality<br>Population | Parkhill<br>907 | Petrolia<br>2,681 | Plattsville<br>P.V. | Point Edward<br>1,175 | Port Colborne<br>6,903 |
|---|---|---|---|---|---|
| ASSETS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Lands and buildings | | 900.00 | | | 29,470.68 |
| Substation equipment | | 5,956.75 | | | |
| Distribution system—overhead | 18,103.12 | 51,783.00 | 4,930.57 | 22,270.35 | 104,347.74 |
| Distribution system—underground | | | | | |
| Line transformers | 6,431.54 | 33,537.08 | 2,400.32 | 7,633.43 | 32,339.91 |
| Meters | 4,992.74 | 17,509.72 | 2,540.27 | 6,495.15 | 28,670.16 |
| Street light equipment, regular | 1,027.53 | 6,649.63 | 158.29 | 3,252.88 | 5,300.06 |
| Street light equipment, ornamental | | | | | 16,611.59 |
| Miscellaneous construction expense | 1,589.29 | 6,059.80 | 607.20 | 982.15 | 6,788.19 |
| Steam or hydraulic plant | | | | | |
| Old plant | | 3,389.94 | | | 9,929.60 |
| Total plant | 32,144.22 | 125,785.92 | 10,636.65 | 40,633.96 | 233,457.93 |
| Bank and cash balance | 1,276.82 | 378.20 | 874.22 | 2,669.76 | 4,760.53 |
| Securities and investments | 5,500.00 | 23,900.00 | 5,000.00 | 15,000.00 | 70,000.00 |
| Accounts receivable | 452.67 | 1,289.45 | 14.15 | 444.11 | 12,187.79 |
| Inventories | | 598.50 | | 786.84 | 3,239.64 |
| Sinking fund on local debentures | | | | | |
| Equity in H-E.P.C. systems | 20,989.19 | 111,222.25 | 10,007.54 | 67,306.18 | 108,115.79 |
| Other assets | | | | | |
| Total assets | 60,362.90 | 263,174.32 | 26,532.56 | 126,840.85 | 431,761.68 |
| Deficit | | | | | |
| Total | 60,362.90 | 263,174.32 | 26,532.56 | 126,840.85 | 431,761.68 |
| LIABILITIES | | | | | |
| Debenture balance | | 6,497.07 | 633.84 | 1,598.62 | 25,174.44 |
| Accounts payable | 93.79 | 110.09 | 81.19 | 81.82 | 10,410.43 |
| Bank overdraft | | | | | |
| Other liabilities | 102.54 | 1,044.56 | | 422.04 | 20,121.78 |
| Total liabilities | 196.33 | 7,651.72 | 715 03 | 2,102.48 | 55,706.65 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems | 20,989.19 | 111,222.25 | 10,007.54 | 67,306.18 | 108,115.79 |
| For depreciation | 10,200.16 | 45,875.75 | 4,129.15 | 17,611.72 | 68,258.50 |
| Other reserves | 1,200.00 | 247.56 | | 1,026.72 | 11,806.70 |
| Total reserves | 32,389.35 | 157,345.56 | 14,136.69 | 85,944.62 | 188,180.99 |
| SURPLUS | | | | | |
| Debentures paid | 14,630.02 | 43,502.93 | 4,603.16 | 15,401.38 | 120,825.56 |
| Local sinking fund | | | | | |
| Operating surplus | 13,147.20 | 54,674.11 | 7,077.68 | 23,392.37 | 67,048.48 |
| Total surplus | 27,777.22 | 98,177.04 | 11,600.84 | 38,793.75 | 187,874.04 |
| Total liabilities, reserves and surplus | 60,362.90 | 263,174.32 | 26,532.56 | 126,840.85 | 431,761.68 |
| Percentage of net debt to total assets | 0.5 | 5.0 | 4.3 | 3.5 | 12.7 |

**"A"—Continued**

**Hydro Municipalities as at December 31, 1942**

| Port<br>Credit<br>1,728 | Port<br>Dalhousie<br>1,517 | Port<br>Dover<br>1,784 | Port<br>Rowan | Port<br>Stanley<br>859 | Preston<br>6,606 | Princeton<br>P.V. |
|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 675.00 | ........... | 248.75 | ........... | 1,574.60 | ........... | ........... |
| ........... | ........... | ........... | ........... | ........... | 57,024.08 | ........... |
| 35,968.39 | 22,950.58 | 36,221.65 | 10,369.23 | 27,405.53 | 91,300.06 | 4,478.31 |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| 14,206.45 | 14,739.27 | 13,656.32 | 1,883.34 | 14,059.69 | 55,798.95 | 3,369.70 |
| 13,649.09 | 11,623.05 | 11,010.58 | 2,597.07 | 12,354.97 | 43,444.80 | 1,521.58 |
| 5,180.06 | 1,041.19 | 2,767.73 | 893.23 | 2,145.89 | 5,617.32 | 207.93 |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| 1,678.05 | 2,696.74 | 3,487.94 | 736.96 | 7,472.19 | 9,887.04 | 96.39 |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| ........... | 6,018.38 | ........... | ........... | 577.51 | 32,126.75 | ........... |
| 71,357.04 | 59,069.21 | 67,392.97 | 16,479.83 | 65,590.38 | 295,199.00 | 9,673.91 |
| 4,992.97 | 2,036.79 | 2,402.19 | 1,222.69 | 4,429.76 | 10,832.97 | 851.46 |
| 2,500.00 | 4,500.00 | 6,000.00 | 5,500.00 | 11,000.00 | 15,000.00 | 4,500.00 |
| 1,366.37 | 1,542.68 | 1,502.68 | 8.99 | 770.74 | 13,481.24 | 40.17 |
| ........... | ........... | 52.92 | ........... | 14.00 | 7,029.97 | ........... |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| 44,998.73 | 40,025.07 | 28,807.26 | 7,550.45 | 44,561.11 | 282,550.94 | 10,333.11 |
| ........... | .32 | 21.53 | ........... | ........... | .76 | ........... |
| 125,215.11 | 107,174.07 | 106,179.55 | 30,761.96 | 126,365.99 | 624,094.88 | 25,398.65 |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| 125,215.11 | 107,174.07 | 106,179.55 | 30,761.96 | 126,365.99 | 624,094.88 | 25,398.65 |
| 2,443.71 | ........... | ........... | 4,039.78 | ........... | 13,148.59 | 429.54 |
| 374.90 | 651.76 | 896.26 | 19.30 | 293.55 | 9,219.31 | ........... |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| 1,026.92 | 1,120.00 | 789.00 | 235.00 | 416.99 | 1,027.27 | 25.00 |
| 3,845.53 | 1,771.76 | 1,685.26 | 4,294.08 | 710.54 | 23,395.17 | 454.54 |
| 44,998.73 | 40,025.07 | 28,807.26 | 7,550.45 | 44,561.11 | 282,550.94 | 10,333.11 |
| 24,065.05 | 9,254.33 | 18,434.11 | 4,988.15 | 18,887.90 | 152,563.48 | 3,091.80 |
| 3,005.75 | 300.00 | ........... | ........... | 2,075.23 | 494.34 | ........... |
| 72,069.53 | 49,579.40 | 47,241.37 | 12,538.60 | 65,524.24 | 435,608.76 | 13,424.91 |
| 12,056.29 | 22,500.00 | 29,000.00 | 6,960.22 | 18,950.00 | 139,651.41 | 3,120.46 |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| 37,243.76 | 33,322.91 | 28,252.92 | 6,969.06 | 41,181.21 | 25,439.54 | 8,398.74 |
| 49,300.05 | 55,822.91 | 57,252.92 | 13,929.28 | 60,131.21 | 165,090.95 | 11,519.20 |
| 125,215.11 | 107,174.07 | 106,179.55 | 30,761.96 | 126,365.99 | 624,094.88 | 25,398.65 |
| 4.8 | 2.6 | 2.2 | 18.5 | 0.9 | 6.9 | 3.0 |

## STATEMENT

### Balance Sheets of Electrical Departments of

**NIAGARA SYSTEM—Continued**

| Municipality | Queenston | Richmond Hill | Ridgetown | Riverside | Rockwood |
|---|---|---|---|---|---|
| Population | P.V. | 1,345 | 1,949 | 5,525 | P.V. |
| ASSETS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Lands and buildings | .......... | .......... | 3,584.63 | 11,371.12 | 79.00 |
| Substation equipment | .......... | 600.00 | 1,024.24 | .......... | .......... |
| Distribution system—overhead | 8,667.33 | 12,471.37 | 24,465.99 | 85,224.34 | 9,056.18 |
| Distribution system—underground | .......... | .......... | .......... | .......... | .......... |
| Line transformers | 3,281.64 | 11,204.03 | 12,608.57 | 28,112.77 | 3,705.66 |
| Meters | 1,863.98 | 7,060.46 | 10,537.26 | 26,708.52 | 3,434.79 |
| Street light equipment, regular | 435.63 | 1,338.88 | 6,709.88 | .......... | 731.82 |
| Street light equipment, ornamental | .......... | .......... | 1,431.73 | 19,163.24 | .......... |
| Miscellaneous construction expense | 2,659.80 | 681.52 | 1,735.12 | 6,694.59 | 499.29 |
| Steam or hydraulic plant | .......... | .......... | .......... | .......... | .......... |
| Old plant | .......... | .......... | 5,088.46 | .......... | .......... |
| Total plant | 16,908.38 | 33,356.26 | 67,185.88 | 177,274.58 | 17,506.74 |
| Bank and cash balance | 2,095.72 | 2,976.53 | 811.36 | 3,681.33 | 870.90 |
| Securities and investments | 2,500.00 | 3,000.00 | 9,000.00 | 19,000.00 | 2,300.00 |
| Accounts receivable | 27.08 | 197.14 | 306.02 | 10,720.86 | 31.28 |
| Inventories | .......... | 69.24 | 371.04 | 1,021.32 | 107.47 |
| Sinking fund on local debentures | .......... | .......... | .......... | .......... | .......... |
| Equity in H-E.P.C. systems | 7,606.68 | 22,052.57 | 46,678.29 | 89,398.99 | 12,254.05 |
| Other assets | .......... | .......... | .......... | .......... | .......... |
| Total assets | 29,137.86 | 61,651.74 | 124,352.59 | 301,097.08 | 33,070.44 |
| Deficit | .......... | .......... | .......... | .......... | .......... |
| Total | 29,137.86 | 61,651.74 | 124,352.59 | 301,097.08 | 33,070.44 |
| LIABILITIES | | | | | |
| Debenture balance | 696.94 | .......... | 2,039.14 | 10,761.47 | 1,425.88 |
| Accounts payable | .89 | 1,185.72 | 1,439.43 | 3,818.90 | .......... |
| Bank overdraft | .......... | .......... | .......... | .......... | .......... |
| Other liabilities | 72.52 | 546.09 | 2,348.21 | 21,472.88 | 123.72 |
| Total liabilities | 770.35 | 1,731.81 | 5,826.78 | 36,053.25 | 1,549.60 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems | 7,606.68 | 22,052.57 | 46,678.29 | 89,398.99 | 12,254.05 |
| For depreciation | 4,914.93 | 3,476.96 | 20,375.30 | 50,435.69 | 6,987.26 |
| Other reserves | .......... | 1,569.37 | 1,270.63 | 1,201.92 | .......... |
| Total reserves | 12,521.61 | 27,098.90 | 68,324.22 | 141,036.60 | 19,241.31 |
| SURPLUS | | | | | |
| Debentures paid | 8,803.06 | 12,200.00 | 17,416.85 | 71,738.53 | 3,074.12 |
| Local sinking fund | .......... | .......... | .......... | .......... | .......... |
| Operating surplus | 7,042.84 | 20,621.03 | 32,784.74 | 52,268.70 | 9,205.41 |
| Total surplus | 15,845.90 | 32,821.03 | 50,201.59 | 124,007.23 | 12,279.53 |
| Total liabilities, reserves and surplus | 29,137.86 | 61,651.74 | 124,352.59 | 301,097.08 | 33,070.44 |
| Percentage of net debt to total assets | 3.6 | 4.4 | 5.8 | 8.8 | 7.4 |

### "A"—Continued

### Hydro Municipalities as at December 31, 1942

| Rodney<br>721 | St. Catharines<br>30,406 | St. Clair Beach<br>145 | St. George<br>P.V. | St. Jacobs<br>P.V. | St. Marys<br>4,017 |
|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| ........ | 55,475.10 | ........ | ........ | ........ | 18,592.63 |
| ........ | 151,343.21 | ........ | ........ | ........ | 32,511.55 |
| 12,289.98 | 292,338.77 | 8,976.19 | 6,100.33 | 7,492.46 | 64,578.75 |
| ........ | ........ | ........ | ........ | ........ | ........ |
| 3,729.82 | 194,292.96 | 3,062.85 | 4,038.89 | 4,635.13 | 26,624.06 |
| 3,923.71 | 139,922.85 | 2,108.13 | 3,513.85 | 3,616.38 | 27,089.33 |
| 3,533.02 | 23,804.45 | ........ | 337.24 | 396.19 | 6,618.04 |
| ........ | 29,486.71 | ........ | ........ | ........ | ........ |
| 923.65 | 29,454.32 | 158.87 | 374.18 | 527.14 | 9,075.08 |
| ........ | ........ | ........ | ........ | ........ | ........ |
| 700.00 | *49,507.89 | ........ | ........ | ........ | 20,696.85 |
| 25,100.18 | 965,626.26 | 14,306.04 | 14,364.49 | 16,667.30 | 205,786.29 |
| 1,576.04 | 24,910.51 | 2,411.60 | 573.95 | 521.94 | 6,763.85 |
| 3,200.00 | 60,000.00 | 1,500.00 | 6,000.00 | 6,000.00 | 5,000.00 |
| 56.30 | 67,790.77 | 270.47 | .63 | 7.19 | 956.59 |
| ........ | 18,509.69 | ........ | ........ | ........ | 824.17 |
| ........ | 109,909.80 | ........ | ........ | ........ | 2,390.16 |
| 14,884.45 | 674,904.86 | 7,460.16 | 15,344.70 | 17,990.93 | 144,079.01 |
| ........ | 155.00 | ........ | ........ | ........ | 219.30 |
| 44,816.97 | 1,921,806.89 | 25,948.27 | 36,283.77 | 41,187.36 | 366,019.37 |
| ........ | ........ | ........ | ........ | ........ | ........ |
| 44,816.97 | 1,921,806.89 | 25,948.27 | 36,283.77 | 41,187.36 | 366,019.37 |
| ........ | 145,750.00 | ........ | 772.55 | ........ | 17,393.51 |
| 96.28 | 52,196.15 | 199.19 | 3.67 | 8.55 | 391.53 |
| ........ | ........ | ........ | ........ | ........ | ........ |
| 270.00 | 29,993.21 | 132.18 | 165.00 | ........ | 884.00 |
| 366.28 | 227,939.36 | 331.37 | 941.22 | 8.55 | 18,669.04 |
| 14,884.45 | 674,904.86 | 7,460.16 | 15,344.70 | 17,990.93 | 144,079.01 |
| 4,327.80 | 270,641.97 | 5,328.74 | 3,884.47 | 3,727.23 | 76,464.36 |
| 73.24 | 60,901.77 | 49.50 | ........ | ........ | 1,677.96 |
| 19,285.49 | 1,006,448.60 | 12,838.40 | 19,229.17 | 21,718.16 | 222,221.33 |
| 8,500.00 | 156,272.91 | 6,341.45 | 5,227.45 | 6,000.00 | 96,853.51 |
| ........ | 109,909.80 | ........ | ........ | ........ | 2,390.16 |
| 16,665.20 | 421,236.22 | 6,437.05 | 10,885.93 | 13,460.65 | 25,885.33 |
| 25,165.20 | 687,418.93 | 12,778.50 | 16,113.38 | 19,460.65 | 125,129.00 |
| 44,816.97 | 1,921,806.89 | 25,948.27 | 36,283.77 | 41,187.36 | 366,019.37 |
| 1.2 | 8.0 | 1.8 | 4.5 | 0.0 | 7.4 |

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*Includes $32,000.00 other plants not distributed.

## STATEMENT

## Balance Sheets of Electrical Departments of

**NIAGARA SYSTEM—Continued**

| Municipality | St. Thomas | Sarnia | Scarborough Twp. | Seaforth |
|---|---|---|---|---|
| Population | 17,789 | 17,911 | V.A. | 1,691 |
| Assets | $ c. | $ c. | $ c. | $ c. |
| Lands and buildings | 79,093.04 | 90,255.99 | 20,696.77 | 1,836.39 |
| Substation equipment | 131,949.61 | 231,843.49 | 14,934.92 | 8,930.07 |
| Distribution system—overhead | 125,989.22 | 232,114.44 | 326,019.44 | 32,416.73 |
| Distribution system—underground | 52,815.87 | .......... | .......... | .......... |
| Line transformers | 70,991.53 | 91,757.17 | 89,373.28 | 12,416.74 |
| Meters | 80,194.40 | 87,354.71 | 84,592.19 | 10,878.21 |
| Street light equipment, regular | 22,412.43 | 27,717.39 | 21,561.22 | 5,789.27 |
| Street light equipment, ornamental | 3,693.04 | 8,271.83 | .......... | .......... |
| Miscellaneous construction expense | 13,995.46 | 21,329.83 | 7,528.91 | 1,467.90 |
| Steam or hydraulic plant | .......... | .......... | .......... | .......... |
| Old plant | .......... | 55,445.72 | .......... | .......... |
| Total plant | 581,134.60 | 846,090.57 | 564,706.73 | 73,735.31 |
| Bank and cash balance | 13,405.01 | 1,313.78 | 35,226.98 | 3,184.21 |
| Securities and investments | 73,000.00 | 165,000.00 | 95,000.00 | 3,100.00 |
| Accounts receivable | 14,423.55 | 11,960.13 | 10,007.74 | 1,981.47 |
| Inventories | 12,568.62 | 20,812.60 | .......... | 1,737.46 |
| Sinking fund on local debentures | .......... | .......... | .......... | .......... |
| Equity in H-E.P.C. systems | 540,533.53 | 682,950.62 | 208,189.36 | 66,210.21 |
| Other assets | .......... | 538.00 | 56.69 | .......... |
| Total assets | 1,235,065.31 | 1,728,665.70 | 913,187.50 | 149,948.66 |
| Deficit | .......... | .......... | .......... | .......... |
| Total | 1,235,065.31 | 1,728,665.70 | 913,187.50 | 149,948.66 |
| Liabilities | | | | |
| Debenture balance | .......... | 6,179.96 | 52,380.13 | 10,000.00 |
| Accounts payable | 1,049.70 | 15,156.03 | 11,847.15 | 86.52 |
| Bank overdraft | .......... | 3,117.19 | .......... | .......... |
| Other liabilities | 17,096.25 | 16,785.61 | 51,475.57 | 440.34 |
| Total liabilities | 18,145.95 | 41,238.79 | 115,702.85 | 10,526.86 |
| Reserves | | | | |
| For equity in H-E.P.C. systems | 540,533.53 | 682,950.62 | 208,189.36 | 66,210.21 |
| For depreciation | 209,672.91 | 232,199.95 | 165,008.73 | 23,314.45 |
| Other reserves | 473.37 | 10,486.53 | 17,668.15 | 256.65 |
| Total reserves | 750,679.81 | 925,637.10 | 390,866.24 | 89,781.31 |
| Surplus | | | | |
| Debentures paid | 138,944.07 | 331,820.04 | 238,188.14 | 25,000.00 |
| Local sinking fund | .......... | .......... | .......... | .......... |
| Operating surplus | 327,295.48 | 429,969.77 | 168,430.27 | 24,640.49 |
| Total surplus | 466,239.55 | 761,789.81 | 406,618.41 | 49,640.49 |
| Total liabilities, reserves and surplus | 1,235,065.31 | 1,728,665.70 | 913,187.50 | 149,948.66 |
| Percentage of net debt to total assets | 2.1 | 3.2 | 16.4 | 12.6 |

"A"—Continued

## Hydro Municipalities as at December 31, 1942

| Simcoe<br>5,955 | Smithville<br>P.V. | Springfield<br>417 | Stamford Twp. | Stouffville<br>1,219 | Stratford<br>16,880 | Strathroy<br>2,873 |
|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 10,701.89 | | | 7,572.14 | | 141,455.78 | 9,373.61 |
| 41,527.90 | | | 38,143.09 | | 183,275.75 | 23,640.34 |
| 59,837.62 | 10,889.94 | 10,204.76 | 162,560.97 | 14,143.24 | 158,639.67 | 50,435.89 |
| 1,412.24 | | | | | 22,971.15 | |
| 43,903.82 | 4,118.05 | 3,003.15 | 62,480.76 | 5,656.84 | 106,728.03 | 25,821.55 |
| 37,477.75 | 4,285.39 | 2,348.18 | 48,441.69 | 5,621.98 | 89,478.92 | 17,658.55 |
| 8,355.38 | 1,630.00 | 609.47 | 10,767.11 | 1,613.55 | 25,809.76 | 6,238.53 |
| 3,500.00 | | | | | | |
| 7,034.54 | 247.92 | 685.08 | 13,249.54 | 561.06 | 30,632.61 | 6,019.34 |
| | | | | | 31,520.00 | |
| 927.92 | 1,878.98 | | 13,743.66 | | | 12,343.15 |
| 214,679.06 | 23,050.28 | 16,850.64 | 356,958.96 | 27,596.67 | 790,511.67 | 151,530.96 |
| 9,516.75 | 3,360.11 | 1,282.70 | 20,216.13 | 3,209.25 | 20,335.62 | 4,582.71 |
| 40,000.00 | 4,000.00 | 3,000.00 | | 14,000.00 | 125,000.00 | 23,000.00 |
| 788.64 | 5.02 | 211.79 | 15,479.81 | 49.04 | 13,629.50 | 936.77 |
| 5,761.27 | | | 5,411.35 | | 14,230.28 | 2,117.07 |
| | | | | | 67,393.45 | |
| 119,329.84 | 496.72 | 9,922.74 | 107,222.49 | 18,438.01 | 649,469.98 | 96,725.05 |
| | | | 409.00 | | 666.00 | 6.87 |
| 390,075.56 | 30,912.13 | 31,267.87 | 505,697.74 | 63,292.97 | 1,681,236.50 | 278,899.43 |
| | | | | | | |
| 390,075.56 | 30,912.13 | 31,267.87 | 505,697.74 | 63,292.97 | 1,681,236.50 | 278,899.43 |
| 20,364.19 | 7,055.74 | 1,607.86 | 62,728.70 | | 100,000.00 | 17,431.19 |
| 256.26 | 56.79 | | 516.63 | 114.24 | 1,234.01 | 167.66 |
| | | | | | | |
| 4,310.56 | 75.00 | 30.00 | 7,376.47 | 400.60 | 5,439.06 | 1,136.49 |
| 24,931.01 | 7,187.53 | 1,637.86 | 70,621.80 | 514.84 | 106,673.07 | 18,735.34 |
| 119,329.84 | 496.72 | 9,922.74 | 107,222.49 | 18,438.01 | 649,469.98 | 96,725.05 |
| 36,815.93 | 6,079.91 | 2,998.46 | 78,367.08 | 5,048.26 | 367,223.57 | 47,765.45 |
| 17,500.00 | | | 14,412.03 | 49.15 | 12,111.74 | 1,081.77 |
| 173,645.77 | 6,576.63 | 12,921.20 | 200,001.60 | 23,535.42 | 1,028,805.29 | 145,572.27 |
| 55,070.71 | 7,944.26 | 7,892.14 | 177,549.47 | 14,673.90 | 355,800.00 | 48,800.81 |
| | | | | | 67,393.45 | |
| 136,428,07 | 9,203.71 | 8,816.67 | 57,524.87 | 24,568.81 | 122,564.69 | 65,791.01 |
| 191,498.78 | 17,147.97 | 16,708.81 | 235,074.34 | 39,242.71 | 545,758.14 | 114,591.82 |
| 390,075.56 | 30,912.13 | 31,267.87 | 505,697.74 | 63,292.97 | 1,681,236.50 | 278,899.43 |
| 8.0 | 23.6 | 7.7 | 17.7 | 1.1 | 4.1 | 10.3 |

## STATEMENT

### Balance Sheets of Electrical Departments of

**NIAGARA SYSTEM—Continued**

| Municipality | Streets-ville | Sutton | Swansea | Tavistock | Tecumseh |
|---|---|---|---|---|---|
| Population | 708 | 909 | 6,872 | 1,092 | 2,570 |
| Assets | $ c. | $ c. | $ c. | $ c. | $ c. |
| Lands and buildings | 8,483.49 | | | 3,640.33 | 1,232.16 |
| Substation equipment | 1,172.04 | | | | |
| Distribution system—overhead | 9,623.12 | 22,062.62 | 79,212.40 | 13,800.27 | 38,512.86 |
| Distribution system—underground | | | | | |
| Line transformers | 7,165.49 | 8,704.56 | 51,680.67 | 10,040.17 | 11,545.42 |
| Meters | 4,120.83 | 7,275.90 | 37,136.29 | 6,543.64 | 13,334.80 |
| Street light equipment, regular | 1,619.31 | 1,932.90 | 10,847.50 | 1,152.93 | |
| Street light equipment, ornamental | | | | | 4,760.95 |
| Miscellaneous construction expense | 934.85 | 1,629.91 | 5,210.23 | 1,085.91 | 2,161.51 |
| Steam or hydraulic plant | 10,641.55 | | | | |
| Old plant | | 675.00 | | | |
| Total plant | 43,760.68 | 42,280.89 | 184,087.09 | 36,263.25 | 71,547.70 |
| Bank and cash balance | 1,690.24 | 358.11 | 10,233.66 | 1,001.75 | 2,707.48 |
| Securities and investments | 3,500.00 | 8,000.00 | 25,000.00 | 5,000.00 | 7,000.00 |
| Accounts receivable | 2,559.22 | 2,662.75 | 2,145.75 | 119.11 | 1,248.32 |
| Inventories | | | | 609.45 | |
| Sinking fund on local debentures | | | | | |
| Equity in H-E.P.C. systems | 3,051.09 | 18,203.19 | 91,929.35 | 49,431.52 | 28,478.38 |
| Other assets | | | 38.14 | | |
| Total assets | 54,561.23 | 71,504.94 | 313,433.99 | 92,425.08 | 110,981.88 |
| Deficit | | | | | |
| Total | 54,561.23 | 71,504.94 | 313,433.99 | 92,425.08 | 110,981.88 |
| Liabilities | | | | | |
| Debenture balance | 9,956.97 | 1,300.18 | 61,332.15 | 1,384.10 | |
| Accounts payable | 100.65 | 222.17 | 1,266.59 | 325.35 | 1,026.69 |
| Bank overdraft | | | | | |
| Other liabilities | 243.87 | | 5,616.61 | | 5,681.84 |
| Total liabilities | 10,301.49 | 1.522.35 | 68,215.35 | 1,709.45 | 6,708.53 |
| Reserves | | | | | |
| For equity in H-E.P.C. systems | 3,051.09 | 18,203.19 | 91,929.35 | 49,431.52 | 28,478.38 |
| For depreciation | 6,585.21 | 12,292.65 | 56,653.18 | 14,754.22 | 18,501.89 |
| Other reserves | 1,500.00 | 1,625.00 | 350.00 | | 3,073.45 |
| Total reserves | 11,136.30 | 32,120.84 | 148,932.53 | 64,185.74 | 50,053.72 |
| Surplus | | | | | |
| Debentures paid | 7,588.11 | 24,699.82 | 41,334.81 | 4,615.90 | 26,000.00 |
| Local sinking fund | | | | | |
| Operating surplus | 25,535.33 | 13,161.93 | 54,951.30 | 21,913.99 | 28,219.63 |
| Total surplus | 33,123.44 | 37,861.75 | 96,286.11 | 26,529.89 | 54,219.63 |
| Total liabilities, reserves and surplus | 54,561.23 | 71,504.94 | 313,433.99 | 92,425.08 | 110,981.88 |
| Percentage of net debt to total assets | 32.7 | 2.9 | 30.8 | 4.0 | 2.5 |

"A"—Continued

**Hydro Municipalities as at December 31, 1942**

| Thamesford | Thamesville | Thedford | Thorndale | Thorold | Tilbury | Tillsonburg |
|---|---|---|---|---|---|---|
| P.V. | 792 | 566 | P.V. | 5,284 | 1,965 | 3,981 |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| .......... | 681.69 | .......... | .......... | 10,837.37 | 11,712.47 | 4,824.27 |
| .......... | .......... | .......... | .......... | .......... | .......... | 21,899.54 |
| 7,837.02 | 13,348.51 | 9,961.69 | 3,836.96 | 43,111.30 | 17,614.31 | 50,843.58 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 3,845.07 | 5,412.10 | 3,798.95 | 2,045.45 | 23,786.58 | 14,850.39 | 24,723.56 |
| 3,351.45 | 4,692.93 | 2,927.50 | 1,942.10 | 24,112.18 | 8,291.50 | 23,352.53 |
| 298.97 | 2,267.33 | 903.22 | 181.19 | 3,244.74 | 1,080.92 | 12,364.89 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 517.01 | 454.59 | 1,530.81 | 310.45 | 4,407.03 | 1,781.51 | 2,493.25 |
| .......... | .......... | .......... | .......... | 13,313.74 | .......... | .......... |
| .......... | 4,445.68 | 433.78 | .......... | 3,800.00 | 3,049.47 | .......... |
| 15,849.52 | 31,302.83 | 19,555.95 | 8,316.15 | 126,612.94 | 58,380.57 | 140,501.62 |
| 65.09 | 1,568.34 | 2,386.87 | 1,141.64 | 7,860.34 | 2,317.16 | 10,546.81 |
| 6,000.00 | 11,500.00 | 8,500.00 | 2,100.00 | 60,000.00 | 8,000.00 | 11,500.00 |
| 5.10 | 230.68 | 86.56 | 429.81 | 496.79 | 455.81 | 466.70 |
| .......... | .......... | .......... | .......... | 3,340.28 | 20.31 | 2,696.84 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 18,616.75 | 19,067.52 | 10,393.67 | 9,226.26 | 111,483.53 | 51,257.68 | 96,353.31 |
| .......... | .......... | .......... | .......... | 81.54 | .48 | .......... |
| 40,536.46 | 63,669.37 | 40,923.05 | 21,213.86 | 309,875.42 | 120,432.01 | 262,065.28 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 40,536.46 | 63,669.37 | 40,923.05 | 21,213.86 | 309,875.42 | 120,432.01 | 262,065.28 |
| 234.55 | .......... | .......... | 425.09 | .......... | 1,331.95 | 9,314.92 |
| 144.98 | 571.05 | 305.42 | 29.79 | 3,989.38 | 117.40 | .81 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 89.00 | 351.00 | 11.39 | 58.57 | 2,523.00 | 18.25 | 4,213.20 |
| 468.53 | 922.05 | 316.81 | 513.45 | 6,512.38 | 1,467.60 | 13,528.93 |
| 18,616.75 | 19,067.52 | 10,393.67 | 9,226.26 | 111,483.53 | 51,257.68 | 96,353.31 |
| 6,410.52 | 11,723.22 | 5,913.23 | 4,967.84 | 43,677.42 | 19,240.81 | 34,611.41 |
| .......... | 167.29 | .......... | 222.88 | .......... | 141.11 | 2,849.70 |
| 25,027.27 | 30,958.03 | 16,306.90 | 14,416.98 | 155,160.95 | 70,639.60 | 133,814.42 |
| 5,123.48 | 11,187.80 | 16,500.00 | 2,661.39 | 5,000.00 | 12,668.05 | 36,685.08 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 9,917.18 | 20,601.49 | 7,799.34 | 3,622.04 | 143,202.09 | 35,656.76 | 78,036.85 |
| 15,040.66 | 31,789.29 | 24,299.34 | 6,283.43 | 148,202.09 | 48,324.81 | 114,721.93 |
| 40,536.46 | 63,669.37 | 40,923.05 | 21,213.86 | 309,875.42 | 120,432.01 | 262,065.28 |
| 2.1 | 2.1 | 1.0 | 4.0 | 3.3 | 2.1 | 8.2 |

## STATEMENT

### Balance Sheets of Electrical Departments of

**NIAGARA SYSTEM—Continued**

| Municipality<br>Population | Toronto<br>655,751 | Toronto Twp. V.A. | Trafalgar Twp. V.A. No. 1 | Trafalgar Twp. V.A. No. 2 |
|---|---|---|---|---|
| ASSETS | $ c. | $ c. | $ c. | $ c. |
| Lands and buildings | 5,555,444.50 | 7,919.62 | 156.34 | ............ |
| Substation equipment | 14,991,542.64 | ............ | ............ | ............ |
| Distribution system—overhead | 6,923,294.81 | 215,087.95 | 24,215.38 | 12,474.96 |
| Distribution system—underground | 4,170,988.03 | ............ | ............ | ............ |
| Line transformers | 3,608,085.66 | 83,286.31 | 11,407.32 | 2,787.64 |
| Meters | 3,099,326.94 | 49,784.91 | 6,093.17 | 1,739.86 |
| Street light equipment, regular | 471,578.00 | 5,616.75 | ............ | ............ |
| Street light equipment, ornamental | ............ | ............ | ............ | ............ |
| Miscellaneous construction expense | 2,348,759.69 | 3,426.43 | 1,543.71 | 325.54 |
| Steam or hydraulic plant | ............ | ............ | ............ | ............ |
| Old plant | ............ | 619.65 | ............ | ............ |
| Total plant | 41,169,020.27 | 365,741.62 | 43,415.92 | 17,328.00 |
| Bank and cash balance | 472,199.98 | 5,826.89 | 218.08 | 1,203.88 |
| Securities and investments | 5,465,400.47 | 22,000.00 | 7,000.00 | 6,000.00 |
| Accounts receivable | 1,898,048.15 | 6.86 | 5.20 | 63.28 |
| Inventories | 854,964.24 | 39.50 | ............ | ............ |
| Sinking fund on local debentures | 3,771,101.25 | ............ | ............ | ............ |
| Equity in H-E.P.C. systems | 20,521,051.81 | 124,410.47 | 6,076.34 | 2,025.48 |
| Other assets | 15,479.48 | ............ | ............ | ............ |
| Total assets | 74,167,265.65 | 518,025.34 | 56,715.54 | 26,620.64 |
| Deficit | ............ | ............ | ............ | ............ |
| Total | 74,167,265.65 | 518,025.34 | 56,715.54 | 26,620.64 |
| LIABILITIES | | | | |
| Debenture balance | 9,965,706.67 | 13,251.78 | 1,586.33 | 7,133.20 |
| Accounts payable | 1,076,353.44 | 1,757.43 | 508.59 | 31.64 |
| Bank overdraft | ............ | ............ | ............ | ............ |
| Other liabilities | 151,808.03 | 4,206.42 | ............ | ............ |
| Total liabilities | 11,193,868.14 | 19,215.63 | 2,094.92 | 7,164.84 |
| RESERVES | | | | |
| For equity in H-E.P.C. systems | 20,521,051.81 | 124,410.47 | 6,076.34 | 2,025.48 |
| For depreciation | 11,514,615.80 | 160,627.53 | 21,678.03 | 4,255.93 |
| Other reserves | 1,808,194.07 | 2,573.15 | ............ | ............ |
| Total reserves | 33,843,861.68 | 287,611.15 | 27,754.37 | 6,281.41 |
| SURPLUS | | | | |
| Debentures paid | 20,508,377.13 | 90,748.22 | 17,840.08 | 2,327.95 |
| Local sinking fund | 3,771,101.25 | ............ | ............ | ............ |
| Operating surplus | 4,850,057.45 | 120,450.34 | 9,026.17 | 10,846.44 |
| Total surplus | 29,129,535.83 | 211,198.56 | 26,866.25 | 13,174.39 |
| Total liabilities, reserves and surplus | 74,167,265.65 | 518,025.34 | 56,715.54 | 26,620.64 |
| Percentage of net debt to total assets | 14.9 | 4.9 | 4.1 | 29.1 |

## "A"—Continued

## Hydro Municipalities as at December 31, 1942

| Wallaceburg | Wardsville | Waterdown | Waterford | Waterloo | Watford | Welland |
|---|---|---|---|---|---|---|
| 4,976 | 205 | 841 | 1,261 | 8,885 | 1,054 | 12,838 |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 45,508.56 | ........... | 200.00 | 1,323.44 | 15,166.17 | ........... | 77,006.74 |
| 11,425.11 | ........... | ........... | ........... | 79,251.93 | ........... | 112,248.13 |
| 64,169.52 | 5,313.56 | 16,588.66 | 16,650.30 | 98,239.77 | 17,905.79 | 162,555.09 |
| ........... | ........... | ........... | ........... | ........... | ........... | 8,044.90 |
| 44,244.91 | 1,619.80 | 7,926.48 | 9,116.84 | 59,653.90 | 8,221.62 | 118,451.32 |
| 25,231.99 | 1,375.01 | 6,324.01 | 7,196.95 | 44,842.56 | 6,252.46 | 80,268.63 |
| 11,711.74 | 662.94 | 1,104.66 | 3,231.62 | 14,318.75 | 2,757.32 | 9,611.24 |
| ........... | ........... | ........... | ........... | 3,106.80 | ........... | 39,049.25 |
| 4,193.37 | 488.73 | 22.49 | 858.06 | 6,101.25 | 1,973.94 | 11,172.29 |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| 20,941.07 | 193.94 | ........... | ........... | 23,880.17 | ........... | 49,476.19 |
| 227,426.27 | 9,653.98 | 32,166.30 | 38,377.21 | 344,561.30 | 37,111.13 | 667,883.78 |
| 5,530.03 | 740.62 | 5,610.70 | 2,590.48 | 10,523.10 | 2,193.97 | 49,771.31 |
| 37,000.00 | 2,500.00 | 5,000.00 | 7,300.00 | 65,000.00 | 7,800.00 | 100,079.67 |
| 4,204.65 | 874.23 | 772.20 | 53.80 | 1,546.72 | 437.13 | 1,617.18 |
| 10,671.13 | ........... | ........... | 154.86 | 1,503.35 | 371.58 | 17,777.43 |
| ........... | ........... | ........... | ........... | ........... | ........... | *81,008.75 |
| 204,765.39 | 4,002.18 | 24,228.19 | 35,018.97 | 286,368.44 | 25,887.61 | 341,621.19 |
| ........... | ........... | ........... | ........... | ........... | 7.45 | 59.87 |
| 489,597.47 | 17,771.01 | 67,777.39 | 83,495.32 | 709,502.91 | 73,808.87 | 1,259,819.18 |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| 489,597.47 | 17,771.01 | 67,777.39 | 83,495.32 | 709,502.91 | 73,808.87 | 1,259,819.18 |
| 12,594.10 | ........... | ........... | ........... | ........... | ........... | 101,587.41 |
| 220.03 | ........... | 39.93 | 95.63 | 15.00 | 159.41 | 728.50 |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| 2,827.05 | ........... | 125.00 | ........... | 3,106.80 | 278.20 | 51,276.63 |
| 15,641.18 | ........... | 164.93 | 95.63 | 3,121.80 | 437.61 | 153,592.54 |
| 204,765.39 | 4,002.18 | 24,228.19 | 35,018.97 | 286,368.44 | 25,887.61 | 341,621.19 |
| 64,477.70 | 4,139.40 | 9,423.12 | 14,933.47 | 166,401.67 | 12,564.05 | 188,832.41 |
| 5,511.14 | 25.22 | ........... | ........... | 735.26 | 110.85 | 3,779.56 |
| 274,754.23 | 8,166.80 | 33,651.31 | 49,952.44 | 453,505.37 | 38,562.51 | 534,233.16 |
| 58,942.48 | 7,562.40 | 8,000.00 | 7,745.53 | 106,000.00 | 9,055.77 | 173,412.59 |
| ........... | ........... | ........... | ........... | ........... | ........... | 81,008.75 |
| 140,259.58 | 2,041.81 | 25,961.15 | 25,701.72 | 146,875.74 | 25,752.98 | 317,572.14 |
| 199,202.06 | 9,604.21 | 33,961.15 | 33,447.25 | 252,875.74 | 34,808.75 | 571,993.48 |
| 489,597.47 | 17,771.01 | 67,777.39 | 83,495.32 | 709,502.91 | 73,808.87 | 1,259,819.18 |
| 5.5 | 0.0 | 0.4 | 0.2 | 0.0 | 0.9 | 4.2 |

*Interest improvement for years 1938-42 inclusive not included.

## STATEMENT

## Balance Sheets of Electrical Departments of

**NIAGARA SYSTEM—Continued**

| Municipality | Wellesley | West Lorne | Weston | Wheatley | Windsor |
|---|---|---|---|---|---|
| Population | P.V. | 790 | 5,784 | 758 | 107,424 |
| | $ c. | $ c. | $ c. | $ c. | $ c. |
| ASSETS | | | | | |
| Lands and buildings | | | 11,903.31 | 52.50 | 572,092.01 |
| Substation equipment | | | 72,093.84 | | 1,282,385.29 |
| Distribution system—overhead | 7,751.17 | 12,788.51 | 68,492.06 | 17,121.69 | 1,358,373.25 |
| Distribution system—underground | | | | | 192,545.19 |
| Line transformers | 3,035.44 | 6,678.28 | 57,330.66 | 4,445.03 | 600,168.69 |
| Meters | 2,978.40 | 4,185.21 | 32,517.88 | 4,617.23 | 560,233.48 |
| Street light equipment, regular | 545.11 | 881.46 | 29,548.13 | 1,918.67 | 94,027.28 |
| Street light equipment, ornamental | | | | | 1,021,495.33 |
| Miscellaneous construction expense | 298.13 | 445.25 | 6,930.77 | 703.15 | 192,457.09 |
| Steam or hydraulic plant | | | | | |
| Old plant | | | | 2,569.50 | 166,440.66 |
| Total plant | 14,608.25 | 24,978.71 | 278,816.65 | 31,427.77 | 6,040,218.27 |
| Bank and cash balance | 165.11 | 838.72 | 75.00 | 1,483.35 | 45,448.78 |
| Securities and investments | 5,500.00 | 5,500.00 | | 12,500.00 | 1,036,952.17 |
| Accounts receivable | .24 | 14.40 | 762.84 | 345.58 | 151,624.34 |
| Inventories | | 109.28 | 528.36 | 35.92 | 199,443.48 |
| Sinking fund on local debentures | | | | | 66,717.40 |
| Equity in H-E.P.C. systems | 17,522.43 | 26,930.89 | 258,313.60 | 14,958.78 | 3,302,638.91 |
| Other assets | | 73.43 | 545.27 | | 33,000.00 |
| Total assets | 37,796.03 | 58,445.43 | 539,041.72 | 60,751.40 | 10,876,043.35 |
| Deficit | | | | | |
| Total | 37,796.03 | 58,445.43 | 539,041.72 | 60,751.40 | 10,876,043.35 |
| LIABILITIES | | | | | |
| Debenture balance | | | 3,862.49 | 1,031.12 | 484,220.80 |
| Accounts payable | 32.27 | 123.91 | 10,415.16 | 130.28 | 116,471.76 |
| Bank overdraft | | | 5,748.08 | | |
| Other liabilities | | 125.82 | 3,145.27 | | 1,161,407.15 |
| Total liabilities | 32.27 | 249.73 | 23,171.00 | 1,161.40 | 1,762,099.71 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems | 17,522.43 | 26,930.89 | 258,313.60 | 14,958.78 | 3,302,638.91 |
| For depreciation | 4,519.48 | 10,833.02 | 48,259.37 | 8,684.98 | 1,460,256.70 |
| Other reserves | | 65.12 | 480.52 | 30.23 | 506,087.17 |
| Total reserves | 22,041.91 | 37,829.03 | 307,053.49 | 23,673.99 | 5,268,982.78 |
| SURPLUS | | | | | |
| Debentures paid | 7,500.00 | 8,000.00 | 66,169.95 | 11,968.88 | 2,099,611.25 |
| Local sinking fund | | | | | 66,717.40 |
| Operating surplus | 8,221.85 | 12,366.67 | 142,647.28 | 23,947.13 | 1,678,632.21 |
| Total surplus | 15,721.85 | 20,366.67 | 208,817.23 | 35,916.01 | 3,844,960.86 |
| Total liabilities, reserves and surplus | 37,796.03 | 58,445.43 | 539,041.72 | 60,751.40 | 10,876,043.35 |
| Percentage of net debt to total assets | 0.2 | 0.8 | 8.3 | 2.5 | 10.4 |

**"A"—Continued**

### Hydro Municipalities as at December 31, 1942

| Woodbridge<br>1,032 | Woodstock<br>12,125 | Wyoming<br>554 | York Twp. | Zurich<br>P.V. | NIAGARA SYSTEM SUMMARY |
|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| ............ | 40,896.99 | 50.00 | 75,231.47 | ............ | 9,587,642.61 |
| ............ | 131,489.18 | ............ | 6,245.09 | ............ | 23,007,382.84 |
| 19,274.35 | 135,498.68 | 10,691.89 | 783,348.32 | 7,373.89 | 19,719,520.43 |
| ............ | ............ | ............ | ............ | ............ | 5,862,256.92 |
| 6,174.26 | 72,650.39 | 1,508.00 | 337,553.61 | 2,844.27 | 10,142,626.28 |
| 6,135.82 | 66,074.42 | 3,148.86 | 336,729.05 | 3,003.93 | 8,684,535.15 |
| 624.03 | 22,745.24 | 548.49 | 56,815.65 | 471.82 | 2,007,740.12 |
| ............ | ............ | ............ | ............ | ............ | 1,543,717.00 |
| 1,180.85 | 8,049.17 | 886.52 | 54,473.15 | 434.77 | 3,551,096.80 |
| ............ | ............ | ............ | ............ | ............ | 55,475.29 |
| ............ | ............ | ............ | ............ | 150.00 | 737,417.83 |
| 33,389.31 | 477,404.07 | 16,833.76 | 1,650,396.34 | 14,278.68 | 84,899,411.27 |
| 3,384.64 | 13,303.08 | 559.52 | 81,933.63 | 588.10 | 1,774,252.84 |
| 4,000.00 | 84,000.00 | 1,000.00 | 110,000.00 | 7,500.00 | 9,629,206.54 |
| 195.99 | 2,094.76 | 15.86 | 65,675.54 | ............ | 3,165,138.34 |
| ............ | 346.93 | ............ | 40,116.42 | ............ | 1,730,687.87 |
| ............ | ............ | ............ | ............ | ............ | 4,535,267.17 |
| 34,337.80 | 438,501.29 | 8,933.01 | 778,345.53 | 14,297.53 | 49,494,317.80 |
| ............ | 547.74 | 1.80 | ............ | ............ | 174,580.29 |
| 75,307.74 | 1,016,197.87 | 27,343.95 | 2,726,467.46 | 36,664.31 | 155,402,862.12 |
| ............ | ............ | ............ | ............ | ............ | 435.41 |
| 75,307.74 | 1,016,197.87 | 27,343.95 | 2,726,467.46 | 36,664.31 | 155,403,297.53 |
| 1,577.85 | ............ | ............ | 114,453.63 | 1,668.51 | 14,066,776.84 |
| 956.73 | 1,000.62 | 29.07 | 54,370.93 | 76.63 | 2,101,494.06 |
| ............ | ............ | ............ | ............ | ............ | 48,301.54 |
| 486.00 | 8,961.45 | 82.50 | 29,016.86 | 10.00 | 2,531.836.19 |
| 3,020.58 | 9,962.07 | 111.57 | 197,841.42 | 1,755.14 | 18,748,408.63 |
| 34,337.80 | 438,501.29 | 8,933.01 | 778,345.53 | 14,297.53 | 49,494,317.80 |
| 11,343.59 | 218,234.09 | 5,613.30 | 678,173.25 | 7,361.66 | 24,299,328.96 |
| 1,500.00 | 21,195.35 | ............ | 14,054.47 | ............ | 3,812,005.10 |
| 47,181.39 | 677,930.73 | 14,546.31 | 1,470,573.25 | 21,659.19 | 77,605,651.86 |
| 6,922.12 | 127,385.63 | 9,700.00 | 374,921.02 | 3,923.10 | 35,747,858.33 |
| ............ | ............ | ............ | ............ | ............ | 4,535,267.17 |
| 18,183.65 | 200,919.44 | 2,986.07 | 683,131.77 | 9,326.88 | 18,766,111.54 |
| 25,105.77 | 328,305.07 | 12,686.07 | 1,058,052.79 | 13,249.98 | 59,049,237.04 |
| 75,307.74 | 1,016,197.87 | 27,343.95 | 2,726,467.46 | 36,664.31 | 155,403,297.53 |
| 7.4 | 1.7 | 0.6 | 10.1 | 7.8 | 12.7 |

## STATEMENT

### Balance Sheets of Electrical Departments of

**GEORGIAN BAY SYSTEM**

| Municipality | Alliston | Arthur | Barrie | Beaverton | Beeton |
|---|---|---|---|---|---|
| Population | 1,590 | 1,043 | 9,994 | 904 | 634 |
| ASSETS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Lands and buildings | .......... | .......... | 16,550.75 | 499.50 | .......... |
| Substation equipment | 675.73 | .......... | 18,884.56 | .......... | 428.50 |
| Distribution system—overhead | 29,161.46 | 18,336.15 | 71,688.07 | 25,310.89 | 11,896.38 |
| Distribution system—underground | .......... | .......... | 66,437.67 | .......... | .......... |
| Line transformers | 8,336.02 | 4,739.78 | 47,364.06 | 8,962.64 | 2,985.94 |
| Meters | 8,440.43 | 4,817.21 | 54,405.86 | 7,240.25 | 2,415.15 |
| Street light equipment, regular | 1,567.17 | 796.21 | 13,459.34 | 1,316.79 | 1,169.54 |
| Street light equipment, ornamental | .......... | .......... | .......... | .......... | .......... |
| Miscellaneous construction expense | 2,536.03 | 305.23 | 3,849.38 | 2,312.22 | 1,542.71 |
| Steam or hydraulic plant | .......... | .......... | .......... | .......... | .......... |
| Old plant | 7,846.49 | 1,086.62 | .......... | 3,772.42 | .......... |
| Total plant | 58,563.33 | 30,081.20 | 292,639.69 | 49,414.71 | 20,438.22 |
| Bank and cash balance | 2,058.42 | 357.92 | 4,638.45 | 856.96 | 1,905.24 |
| Securities and investments | 11,500.00 | 2,000.00 | .......... | 7,000.00 | 4,500.00 |
| Accounts receivable | 302.14 | 49.17 | 2,204.20 | 199.79 | 210.58 |
| Inventories | 44.31 | .......... | 4,457.40 | .......... | .......... |
| Sinking fund on local debentures | .......... | .......... | .......... | .......... | .......... |
| Equity in H-E.P.C. systems | 25,744.34 | 21,304.93 | 168,477.62 | 22,517.83 | 17,009.88 |
| Other assets | .......... | 385.00 | 12,222.53 | .......... | 65.46 |
| Total assets | 98,212.54 | 54,178.22 | 484,639.89 | 79,989.29 | 44,129.38 |
| Deficit | .......... | 12,820.07 | .......... | .......... | .......... |
| Total | 98,212.54 | 66,998.29 | 484,639.89 | 79,989.29 | 44,129.38 |
| LIABILITIES | | | | | |
| Debenture balance | 10,183.30 | 8,910.26 | 7,174.13 | 619.54 | 4,952.72 |
| Accounts payable | 89.32 | 503.42 | 1,831.39 | 169.70 | 54.63 |
| Bank overdraft | .......... | .......... | .......... | .......... | .......... |
| Other liabilities | 268.50 | 385.00 | 4,786.47 | 534.54 | 65.46 |
| Total liabilities | 10,541.12 | 9,798.68 | 13,791.99 | 1,323.78 | 5,072.81 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems | 25,744.34 | 21,304.93 | 168,477.62 | 22,517.83 | 17,009.88 |
| For depreciation | 21,573.50 | 19,804.94 | 116,430.24 | 18,108.24 | 11,173.25 |
| Other reserves | 2,075.46 | .......... | 3,400.00 | 400.00 | 100.00 |
| Total reserves | 49,393.30 | 41,109.87 | 288,307.86 | 41,026.07 | 28,283.13 |
| SURPLUS | | | | | |
| Debentures paid | 29,816.70 | 16,089.74 | 58,191.55 | 14,380.46 | 10,047.28 |
| Local sinking fund | .......... | .......... | .......... | .......... | .......... |
| Operating surplus | 8,461.42 | .......... | 124,348.49 | 23,258.98 | 726.16 |
| Total surplus | 38,278.12 | 16,089.74 | 182,540.04 | 37,639.44 | 10,773.44 |
| Total liabilities, reserves and surplus | 98,212.54 | 66,998.29 | 484,639.89 | 79,989.29 | 44,129.38 |
| Percentage of net debt to total assets | 14.5 | 29.8 | 4.4 | 2.3 | 18.7 |

"A"—Continued

## Hydro Municipalities as at December 31, 1942

| Bradford<br>947 | Brechin<br>P.V. | Cannington<br>762 | Chatsworth<br>325 | Chesley<br>1,771 | Coldwater<br>563 | Collingwood<br>5,808 |
|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| .... | .... | .... | 364.89 | 6,000.00 | 275.00 | 15,950.08 |
| 388.50 | .... | .... | .... | 2,305.58 | .... | 17,207.98 |
| 20,973.04 | 2,135.59 | 11,958.66 | 5,303.95 | 22,424.60 | 9,482.65 | 57,471.24 |
| .... | .... | .... | .... | .... | .... | .... |
| 5,221.05 | 1,395.73 | 5,821.36 | 2,309.52 | 9,078.66 | 3,726.86 | 21,569.12 |
| 6,218.72 | 889.42 | 5,026.49 | 1,831.79 | 7,350.03 | 3,271.91 | 27,508.87 |
| 544.95 | 248.55 | 988.37 | 529.17 | 2,506.98 | 775.02 | 3,200.68 |
| .... | .... | .... | .... | .... | .... | .... |
| 2,370.17 | 546.92 | 614.48 | 475.50 | 4,255.61 | 240.36 | 1,678.05 |
| .... | .... | .... | .... | .... | .... | .... |
| .... | .... | 3,609.37 | .... | .... | .... | .... |
| 35,716.43 | 5,216.21 | 28,018.73 | 10,814.82 | 53,921.46 | 17,771.80 | 144,586.02 |
| 1,154.52 | 1,217.30 | 2,775.51 | 1,012.99 | 15.00 | 1,047.47 | 4,585.20 |
| 10,000.00 | 500.00 | 2,000.00 | 1,500.00 | 5,000.00 | 4,000.00 | 14,000.00 |
| 294.06 | 114.57 | 123.32 | 114.32 | 61.24 | 965.87 | 386.50 |
| .... | .... | 221.25 | .... | 361.05 | .... | .... |
| .... | .... | .... | .... | .... | .... | .... |
| 19,933.62 | 8,345.15 | 16,994.89 | 4,918.39 | 39,811.99 | 16,359.38 | 149,363.32 |
| 50.94 | .... | .... | .... | .... | .... | .... |
| 67,149.57 | 15,393.23 | 50,133.70 | 18,360.52 | 99,170.74 | 40,144.52 | 312,921.04 |
| .... | .... | .... | .... | .... | .... | .... |
| 67,149.57 | 15,393.23 | 50,133.70 | 18,360.52 | 99,170.74 | 40,144.52 | 312,921.04 |
| 7,927.11 | 985.16 | 1,524.58 | .... | .... | 456.41 | .... |
| 530.37 | 54.20 | 152.93 | 80.10 | 6,016.16 | 65.73 | 381.24 |
| .... | .... | .... | .... | 488.80 | .... | .... |
| 305.46 | 25.85 | 64.00 | 144.36 | .... | 239.37 | 2,899.35 |
| 8,762.94 | 1,065.21 | 1,741.51 | 224.46 | 6,504.96 | 761.51 | 3,280.59 |
| 19,933.62 | 8,345.15 | 16,994.89 | 4,918.39 | 39,811.99 | 16,359.38 | 149,363.32 |
| 15,078.41 | 2,219.59 | 13,553.35 | 4,163.07 | 17,530.09 | 11,418.32 | 71,773.07 |
| 29.88 | 47.11 | 564.05 | .... | .... | 80.00 | 158.38 |
| 35,041.91 | 10,611.85 | 31,112.29 | 9,081.46 | 57,342.08 | 27,857.70 | 221,294.77 |
| 17,272.89 | 2,225.76 | 13,475.42 | 5,400.00 | 27,500.00 | 6,543.59 | 38,183.42 |
| .... | .... | .... | .... | .... | .... | .... |
| 6,071.83 | 1,490.41 | 3,804.48 | 3,654.60 | 7,823.70 | 4,981.72 | 50,162.26 |
| 23,344.72 | 3,716.17 | 17,279.90 | 9,054.60 | 35,323.70 | 11,525.31 | 88,345.68 |
| 67,149.57 | 15,393.23 | 50,133.70 | 18,360.52 | 99,170.74 | 40,144.52 | 312,921.04 |
| 18.6 | 15.1 | 5.3 | 1.6 | 10.9 | 3.2 | 2.0 |

## STATEMENT

### Balance Sheets of Electrical Departments of

**GEORGIAN BAY SYSTEM—Continued**

| Municipality | Cooks-town | Creemore | Dundalk | Durham | Elmvale |
|---|---|---|---|---|---|
| Population | P.V. | 666 | 688 | 1,959 | P.V. |
| ASSETS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Lands and buildings | 70.00 | .......... | .......... | 210.28 | 106.25 |
| Substation equipment | 392.95 | .......... | .......... | 546.02 | 2,273.07 |
| Distribution system—overhead | 9,874.23 | 7,669.57 | 8,662.36 | 23,088.48 | 9,788.13 |
| Distribution system—underground | .......... | .......... | .......... | .......... | .......... |
| Line transformers | 2,685.85 | 3,676.20 | 4,245.50 | 9,419.39 | 3,821.64 |
| Meters | 2,618.15 | 3,262.37 | 3,380.88 | 7,983.16 | 4,386.59 |
| Street light equipment, regular | 919.69 | 358.56 | 1,203.31 | 1,545.06 | 447.17 |
| Street light equipment, ornamental | .......... | .......... | .......... | .......... | .......... |
| Miscellaneous construction expense | 1,535.10 | 66.22 | 256.88 | 1,776.88 | 530.38 |
| Steam or hydraulic plant | .......... | .......... | .......... | .......... | .......... |
| Old plant | .......... | .......... | .......... | 2,091.39 | .......... |
| Total plant | 18,095.97 | 15,032.92 | 17,748.93 | 46,660.66 | 21,353.23 |
| Bank and cash balance | 2,978.19 | 61.15 | 1,740.72 | 13.35 | 2,561.55 |
| Securities and investments | 7,000.00 | 5,000.00 | 4,000.00 | 9,000.00 | 6,700.00 |
| Accounts receivable | 454.45 | 178.98 | 116.15 | 640.71 | 45.18 |
| Inventories | .......... | .......... | .......... | 648.02 | .......... |
| Sinking fund on local debentures | .......... | .......... | .......... | .......... | .......... |
| Equity in H-E.P.C. systems | 5,921.08 | 13,091.28 | 13,953.40 | 34,044.78 | 16,472.46 |
| Other assets | .......... | .......... | .......... | 2.95 | .......... |
| Total assets | 34,449.69 | 33,364.33 | 37,559.20 | 91,010.47 | 47,132.42 |
| Deficit | .......... | .......... | .......... | .......... | .......... |
| Total | 34,449.69 | 33,364.33 | 37,559.20 | 91,010.47 | 47,132.42 |
| LIABILITIES | | | | | |
| Debenture balance | 3,021.95 | .......... | .......... | .......... | .......... |
| Accounts payable | 916.45 | 191.73 | 48.56 | 27.25 | 78.53 |
| Bank overdraft | .......... | .......... | .......... | .......... | .......... |
| Other liabilities | 115.00 | 279.00 | .......... | .......... | 8.00 |
| Total liabilities | 4,053.40 | 470.73 | 48.56 | 27.25 | 86.53 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems | 5,921.08 | 13,091.28 | 13,953.40 | 34,044.78 | 16,472.46 |
| For depreciation | 9,033.01 | 6,346.50 | 7,977.51 | 17,781.45 | 10,727.97 |
| Other reserves | .......... | 50.00 | .......... | .......... | 8.87 |
| Total reserves | 14,954.09 | 19,487.78 | 21,930.91 | 51,826.23 | 27,209.30 |
| SURPLUS | | | | | |
| Debentures paid | 10,478.05 | 2,823.61 | 5,955.96 | 25,800.00 | 7,000.00 |
| Local sinking fund | .......... | .......... | .......... | .......... | .......... |
| Operating surplus | 4,964.15 | 10,582.21 | 9,623.77 | 13,356.99 | 12,836.59 |
| Total surplus | 15,442.20 | 13,405.82 | 15,579.73 | 39,156.99 | 19,836.59 |
| Total liabilities, reserves and surplus | 34,449.69 | 33,364.33 | 37,559.20 | 91,010.47 | 47,132.42 |
| Percentage of net debt to total assets | 14.2 | 2.3 | 0.2 | 0.0 | 0.3 |

**"A"—Continued**

## Hydro Municipalities as at December 31, 1942

| Elmwood<br>P.V. | Flesherton<br>458 | Grand Valley<br>692 | Gravenhurst<br>2,303 | Hanover<br>3,318 | Holstein<br>P.V. | Huntsville<br>2,909 |
|---|---|---|---|---|---|---|
| $ c. | $ c, | $ c. | $ c. | $ c. | $ c. | $ c. |
| .......... | 408.78 | 36.50 | 10,072.27 | 3,894.32 | .......... | 353.52 |
| .......... | .......... | .......... | 10,936.03 | 9,271.19 | .......... | 647.30 |
| 5,194.07 | 6,017.57 | 12,359.60 | 39,986.66 | 51,558.35 | 2,276.12 | 22,513.99 |
| .......... | .......... | .......... | 1,941.77 | .......... | .......... | .......... |
| 1,100.67 | 2,838.59 | 3,819.98 | 15,944.39 | 21,886.66 | 1,176.04 | 14,391.34 |
| 1,381.54 | 2,463.21 | 3,748.90 | 13,424.87 | 18,318.96 | 813.31 | 14,117.49 |
| 372.71 | 814.94 | 1,051.12 | 4,472.25 | 2,350.30 | 170.44 | 7,519.69 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 1,093.62 | 1,028.41 | 284.72 | 2,578.77 | 6,563.84 | 188.31 | 1,379.80 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| .......... | .......... | .......... | 18,130.29 | 2,370.91 | .......... | 5,156.20 |
| 9,142.61 | 13,571.50 | 21,300.82 | 117,487.30 | 116,214.53 | 4,624.22 | 66,079.33 |
| 1,147.84 | 1,357.79 | 2,455.52 | 5,390.57 | 9,252.38 | 434.09 | 687.15 |
| 3,500.00 | 7,000.00 | 6,634.74 | 1,000.00 | 37,401.49 | 3,000.00 | 8,000.00 |
| 271.16 | 2.40 | 99.57 | 99.63 | 659.39 | 7.78 | 1,355.73 |
| .......... | .......... | .......... | 1,102.83 | 111.74 | .......... | 4,119.50 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 4,549.22 | 7,224.64 | 13,235.63 | 32,285.26 | 89,442.76 | 2,945.70 | 65,212.35 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 18,610.83 | 29,156.33 | 43,726.28 | 157,365.59 | 253,082.29 | 11,011.79 | 145,454.06 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 18,610.83 | 29,156.33 | 43,726.28 | 157,365.59 | 253,082.29 | 11,011.79 | 145,545.06 |
| .......... | 974.32 | .......... | .......... | .......... | .......... | .......... |
| 207.10 | 30.37 | 53.95 | 2,560.54 | 80.58 | 2.67 | 346.92 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| .......... | 48.00 | .......... | 927.50 | 874.12 | .......... | 1,040.61 |
| 207.10 | 1,052.69 | 53.95 | 3,488.04 | 954.70 | 2.67 | 1,387.53 |
| 4,549.22 | 7,224.64 | 13,235.63 | 32,285.26 | 89,442.76 | 2,945.70 | 65,212.35 |
| 3,691.90 | 5,353.18 | 10,675.09 | 32,563.67 | 67,331.80 | 2,126.15 | 16,867.11 |
| .......... | .......... | 1,000.00 | 2,672.91 | 1,500.00 | .......... | 400.00 |
| 8,241.12 | 12,577.82 | 24,910.72 | 67,521.84 | 158,274.56 | 5,071.85 | 82,479.46 |
| 7,200.00 | 5,725.68 | 11,000.00 | 63,968.41 | 87,500.00 | 2,762.05 | 21,133.54 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 2,962.61 | 9,800.14 | 7,761.61 | 22,387.30 | 6,353.03 | 3,175.22 | 40,453.53 |
| 10,162.61 | 15,525.82 | 18,761.61 | 86,355.71 | 93,853.03 | 5,937.27 | 61,587.07 |
| 18,610.83 | 29,156.33 | 43,726.28 | 157,365.59 | 253.082.29 | 11,011.79 | 145,454.06 |
| 1.5 | 4.8 | 0.2 | 2.8 | 0.6 | 0.0 | 1.7 |

## STATEMENT

### Balance Sheets of Electrical Departments of

**GEORGIAN BAY SYSTEM—Continued**

| Municipality | Kincardine | Kirkfield | Lucknow | Markdale | Meaford |
|---|---|---|---|---|---|
| Population | 2,254 | P.V. | 964 | 781 | 2,676 |
| ASSETS | $ c. | $ c. | $ c. | $ c. | $ c |
| Lands and buildings | 6,531.80 | | | | 1,144.18 |
| Substation equipment | 2,794.20 | | | 780.80 | 3,849.47 |
| Distribution system—overhead | 44,287.43 | 5,179.43 | 21,066.16 | 11,462.81 | 33,575.74 |
| Distribution system—underground | | | | | |
| Line transformers | 13,707.38 | 757.90 | 8,367.76 | 5,750.80 | 9,679.74 |
| Meters | 12,863.05 | 814.97 | 5,520.12 | 4,488.44 | 10,426.85 |
| Street light equipment, regular | 6,076.00 | 379.00 | 1,509.55 | 1,390.15 | 3,590.08 |
| Street light equipment, ornamental | | | | | |
| Miscellaneous construction expense | 4,993.88 | 234.11 | 2,292.68 | 629.06 | 2,385.27 |
| Steam or hydraulic plant | | | | | |
| Old plant | | | | 2,080.65 | 3,452.38 |
| Total plant | 91,253.74 | 7,365.41 | 38,756.27 | 26,582.71 | 68,103.71 |
| Bank and cash balance | 3,874.03 | 470.35 | 3,589.86 | 3,752.83 | 458.56 |
| Securities and investments | 15,000.00 | 1,200.00 | 2,000.00 | 5,655.13 | 13,000.00 |
| Accounts receivable | 217.70 | 29.46 | 514.97 | 162.52 | 86.49 |
| Inventories | 1,811.12 | | | | 24.25 |
| Sinking fund on local debentures | | | | | |
| Equity in H-E.P.C. systems | 46,728.60 | 3,496.91 | 21,536.33 | 11,293.30 | 33,062.29 |
| Other assets | | | | | 11.20 |
| Total assets | 158,885.19 | 12,562.13 | 66,397.43 | 47,446.49 | 114,746.50 |
| Deficit | | 1,347.48 | | | |
| Total | 158,885.19 | 13,909.61 | 66,397.43 | 47,446.49 | 114,746.50 |
| LIABILITIES | | | | | |
| Debenture balance | | | | 1,748.34 | 4,155.60 |
| Accounts payable | 185.70 | 19.42 | 142.34 | 653.84 | 614.20 |
| Bank overdraft | | | | | |
| Other liabilities | 4.00 | | 5.00 | 67.00 | 1,264.46 |
| Total liabilities | 189.70 | 19.42 | 147.34 | 2,469.18 | 6,034.26 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems | 46,728.60 | 3,496.91 | 21,536.33 | 11,293.30 | 33,062.29 |
| For depreciation | 36,731.90 | 4,193.28 | 11,176.85 | 9,732.73 | 18,247.80 |
| Other reserves | 1,878.44 | 200.00 | 1,350.00 | | 44.29 |
| Total reserves | 85,338.94 | 7,890.19 | 34,063.18 | 21,026.03 | 51,354.38 |
| SURPLUS | | | | | |
| Debentures paid | 64,200.00 | 6,000.00 | 19,713.16 | 7,251.66 | 45,204.60 |
| Local sinking fund | | | | | |
| Operating surplus | 9,156.55 | | 12,473.75 | 16,699.62 | 12,153.26 |
| Total surplus | 73,356.55 | 6,000.00 | 32,186.91 | 23,951.28 | 57,357.86 |
| Total liabilities, reserves and surplus | 158,885.19 | 13,909.61 | 66,397.43 | 47,446.49 | 114,746.50 |
| Percentage of net debt to total assets | 0.2 | 0.2 | 0.3 | 6.8 | 7.4 |

**"A"—Continued**

**Hydro Municipalities as at December 31, 1942**

| Midland<br>6,475 | Mildmay<br>779 | Mount Forest<br>1,936 | Neustadt<br>414 | Orangeville<br>2,552 | Owen Sound<br>13,503 | Paisley<br>715 |
|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 19,983.57 | .......... | 3,725.00 | .......... | 2,585.07 | 28,270.25 | .......... |
| 85,315.20 | .......... | 686.75 | .......... | 1,169.00 | 18,093.04 | 1,923.46 |
| 98,827.54 | 6,264.62 | 23,224.98 | 10,561.42 | 37,179.23 | 121,187.93 | 12,516.87 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 29,764.36 | 2,142.31 | 7,865.96 | 4,035.81 | 11,225.87 | 65,773.39 | 2,289.25 |
| 41,312.86 | 3,117.17 | 8,785.87 | 2,599.45 | 14,301.20 | 66,961.42 | 3,430.20 |
| 19,322.71 | 577.24 | 2,397.89 | 496.41 | 7,532.55 | 31,097.62 | 1,045.51 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 2,931.77 | 1,020.66 | 2,004.63 | 1,504.28 | 6,458.50 | 2,083.00 | 651.65 |
| .......... | .......... | .......... | .......... | .......... | 26,982.00 | .......... |
| .......... | 849.00 | 3,810.95 | 1,097.60 | 3,204.99 | .......... | 1,745.00 |
| 297,458.01 | 13,971.00 | 52,502.03 | 20,294.97 | 83,656.41 | 360,448.65 | 23,601.94 |
| 75.00 | 1,049.25 | 3,969.87 | 2,007.60 | 373.45 | 120.00 | 695.96 |
| 45,500.00 | 5,500.00 | 4,000.00 | 7,500.00 | 15,000.00 | 5,000.00 | 4,000.00 |
| 6,728.90 | .......... | 142.09 | 64.49 | 325.59 | 3,568.50 | 38.28 |
| 2,291.57 | .......... | 64.21 | .......... | 354.68 | 10,535.37 | .......... |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 238,557.82 | 3,619.85 | 35,992.81 | 6,968.24 | 48,789.66 | 231,367.11 | 12,073.69 |
| 387.02 | .......... | .......... | .......... | 20.87 | 20.80 | .......... |
| 590,998.32 | 24,140.10 | 96,671.01 | 36,835.30 | 148,520.66 | 611,060.43 | 40,409.87 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 590,998.32 | 24,140.10 | 96,671.01 | 36,835.30 | 148,520.66 | 661,060.43 | 40,409.87 |
| .......... | 7,597.19 | 4,019.04 | .......... | .......... | .......... | 1,269.10 |
| 829.17 | 48.39 | 1,500.00 | 32.17 | 97.80 | 1,375.55 | 52.31 |
| 7,765.63 | .......... | .......... | .......... | .......... | 5,195.81 | .......... |
| 1,172.81 | 23.00 | 295.00 | 375.00 | 53.00 | 7,170.54 | 58.26 |
| 9,767.61 | 7,668.58 | 5,814.04 | 407.17 | 150.80 | 13,741.90 | 1,379.67 |
| 238,557.82 | 3,619.85 | 35,992.81 | 6,968.24 | 48,789.66 | 231,367.11 | 12,073.69 |
| 204,540.81 | 2,619.00 | 24,826.13 | 10,596.72 | 34,013.42 | 102,917.78 | 6,609.06 |
| 1,467.45 | .......... | .......... | .......... | .......... | 411.58 | .......... |
| 444,566.08 | 6,238.85 | 60,818.94 | 17,564.96 | 82,803.08 | 334,696.47 | 18,682.75 |
| 111,944.99 | 4,706.31 | 26,939.56 | 17,000.00 | 35,900.00 | 141,000.00 | 14,730.90 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 24,719.64 | 5,526.36 | 3,098.47 | 1,863.17 | 29,666.78 | 121,622.06 | 5,616.55 |
| 136,664.63 | 10,232.67 | 30,038.03 | 18,863.17 | 65,566.78 | 262,622.06 | 20,347.45 |
| 590,998.32 | 24,140.10 | 96,671.01 | 36,835.30 | 148,520.66 | 611,060.43 | 40,409.87 |
| 2.8 | 37.4 | 9.6 | 1.4 | 0.2 | 3.6 | 4.9 |

## STATEMENT

### Balance Sheets of Electrical Departments of

**GEORGIAN BAY SYSTEMS—Continued**

| Municipality<br>Population | Penetanguishene<br>4,037 | Port Elgin<br>2,061 | Port McNicoll<br>964 | Port Perry<br>1,230 | Priceville<br>P.V. |
|---|---|---|---|---|---|
| ASSETS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Lands and buildings | 2,288.05 | 111.25 | 369.08 | .......... | 68.00 |
| Substation equipment | 7,161.13 | .......... | .......... | 2,564.65 | .......... |
| Distribution system—overhead | 52,453.49 | 27,375.68 | 9,801.06 | 20,012.33 | 5,476.21 |
| Distribution system—underground | .......... | .......... | .......... | .......... | .......... |
| Line transformers | 21,928.27 | 7,458.92 | 1,500.23 | 5,291.65 | 929.92 |
| Meters | 16,130.60 | 8,056.80 | 3,065.60 | 5,009.35 | 562.08 |
| Street light equipment, regular | 3,942.13 | 2,270.59 | 696.26 | 1,816.38 | 256.88 |
| Street light equipment, ornamental | .......... | .......... | .......... | .......... | .......... |
| Miscellaneous construction expense | 1,886.86 | 558.64 | 750.69 | 235.46 | 833.90 |
| Steam or hydraulic plant | .......... | .......... | .......... | .......... | .......... |
| Old plant | .......... | 4,213.00 | .......... | .......... | .......... |
| Total plant | 105,790.53 | 50,044.88 | 16,182.92 | 34,929.82 | 8,126.99 |
| Bank and cash balance | 2,997.72 | 2,103.63 | 1,301.13 | 409.77 | 600.97 |
| Securities and investments | 5,718.96 | 8,000.00 | 1,000.00 | 7,000.00 | 1,000.00 |
| Accounts receivable | 1,646.57 | 467.97 | 104.82 | 122.65 | 277.17 |
| Inventories | 104.40 | .......... | .......... | .......... | .......... |
| Sinking fund on local debentures | .......... | .......... | .......... | .......... | .......... |
| Equity in H-E.P.C. systems | 69,047.00 | 13,005.23 | 6,912.07 | 19,275.75 | 1,047.73 |
| Other assets | .......... | .......... | .......... | .......... | .......... |
| Total assets | 185,305.18 | 73,621.71 | 25,500.94 | 61,737.99 | 11,052.86 |
| Deficit | .......... | .......... | .......... | .......... | 457.53 |
| Total | 185,305.18 | 73,621.71 | 25,500.94 | 61,737.99 | 11,510.39 |
| LIABILITIES | | | | | |
| Debenture balance | .......... | 21,782.00 | .......... | 5,856.13 | .......... |
| Accounts payable | 187.01 | 3,455.70 | .......... | 134.03 | .......... |
| Bank overdraft | .......... | .......... | .......... | .......... | .......... |
| Other liabilities | 806.25 | 25.00 | 163.40 | 632.00 | .......... |
| Total liabilities | 993.26 | 25,262.70 | 163.40 | 6,622.16 | .......... |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems | 69,047.00 | 13,005.23 | 6,912.07 | 19,275.75 | 1,047.73 |
| For depreciation | 49,167.06 | 9,824.74 | 5,700.56 | 13,041.83 | 3,462.66 |
| Other reserves | 2,318.80 | .......... | .......... | .......... | .......... |
| Total reserves | 120,532.86 | 22,829.97 | 12,612.63 | 32,317.58 | 4,510.39 |
| SURPLUS | | | | | |
| Debentures paid | 36,982.95 | 20,218.00 | 7,300.00 | 14,025.53 | 7,000.00 |
| Local sinking fund | .......... | .......... | .......... | .......... | .......... |
| Operating surplus | 26,796.11 | 5,311.04 | 5,424.91 | 8,772.72 | .......... |
| Total surplus | 63,779.06 | 25,529.04 | 12,724.91 | 22,798.25 | 7,000.00 |
| Total liabilities, reserves and surplus | 185,305.18 | 73,621.71 | 25,500.94 | 61,737.99 | 11,510.39 |
| Percentage of net debt to total assets | 0.9 | 42.6 | 0.9 | 15.6 | 0.0 |

**"A"—Continued**

**Hydro Municipalities as at December 31, 1942**

| Ripley<br>402 | Rosseau<br>233 | Shelburne<br>1,050 | Southampton<br>1,561 | Stayner<br>1,150 | Sunderland<br>P.V. | Tara<br>490 |
|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| ........... | ........... | 800.00 | 25.00 | ........... | ........... | ........... |
| ........... | ........... | 566.60 | ........... | 200.00 | ........... | ........... |
| 10,229.37 | 7,857.44 | 15,434.65 | 27,685.64 | 16,809.99 | 4,525.87 | 11,420.91 |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| 3,888.79 | 2,314.23 | 7,771.53 | 10,329.97 | 6,966.61 | 1,772.83 | 3,358.91 |
| 2,202.26 | 1,327.86 | 6,990.99 | 10,455.08 | 7,279.54 | 2,316.96 | 2,131.74 |
| 844.33 | 623.60 | 1,104.49 | 2,558.48 | 1,095.02 | 670.57 | 2,721.65 |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| 1,184.71 | 1,174.82 | 2,203.12 | 637.77 | 345.03 | 159.02 | 1,398.75 |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| ........... | ........... | 739.50 | 2,477.00 | ........... | 2,030.00 | ........... |
| 18,349.46 | 13,297.95 | 35,610.88 | 54,168.94 | 32,696.19 | 11,475.25 | 21,031.96 |
| 1,297.68 | 1,325.46 | 1,806.63 | 543.67 | 2,064.63 | 1,036.02 | 622.78 |
| 2,000.00 | 1,000.00 | 9,000.00 | 1,000.00 | 3,000.00 | 1,500.00 | 6,500.00 |
| 113.60 | 227.91 | 132.74 | 186.78 | 61.61 | 127.13 | 57.72 |
| ........... | ........... | 75.00 | ........... | ........... | ........... | ........... |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| 8,536.57 | 3,837.96 | 20,952.35 | 11,427.58 | 18,233.47 | 11,118.81 | 9,261.37 |
| ........... | ........... | ........... | 2.21 | ........... | ........... | ........... |
| 30,297.31 | 19,689.28 | 67,577.60 | 67,329.18 | 56,055.90 | 25,257.21 | 37,473.83 |
| ........... | 52.31 | ........... | ........... | ........... | ........... | ........... |
| 30,297.31 | 19,741.59 | 67,577.60 | 67,329.18 | 56,055.90 | 25,257.21 | 37,473.83 |
| 5,738.92 | 8,938.98 | ........... | 9,903.41 | ........... | ........... | ........... |
| .14 | 49.66 | 82.96 | 1,703.12 | 1,035.14 | 388.64 | 1.15 |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| 334.83 | 30.00 | 118.45 | 8.22 | 359.00 | 25.00 | ........... |
| 6,073.89 | 9,018.64 | 201.41 | 11,614.75 | 1,394.14 | 413.64 | 1.15 |
| 8,536.57 | 3,837.96 | 20,952.35 | 11,427.58 | 18,233.47 | 11,118.81 | 9,261.37 |
| 7,243.72 | 2,755.23 | 18,011.50 | 8,781.60 | 15,368.04 | 5,989.02 | 10,166.00 |
| ........... | 68.74 | ........... | ........... | 50.00 | 39.64 | ........... |
| 15,780.29 | 6,661.93 | 38,963.85 | 20,209.18 | 33,651.51 | 17,147.47 | 19,427.37 |
| 8,233.02 | 4,061.02 | 19,920.00 | 23,096.52 | 9,867.59 | 6,800.00 | 15,500.00 |
| 210.11 | ........... | 8,492.34 | 12,408.73 | 11,142.66 | 896.10 | 2,545.31 |
| 8,443.13 | 4,061.02 | 28,412.34 | 35,505.25 | 21,010.25 | 7,696.10 | 18,045.31 |
| 30,297.31 | 19,741.59 | 67,577.60 | 67,329.18 | 56,055.90 | 25,257.21 | 37,473.83 |
| 27.9 | 56.9 | 0.4 | 20.8 | 3.7 | 2.9 | 0.0 |

## STATEMENT

### Balance Sheets of Electrical Departments of

**GEORGIAN BAY SYSTEM—Concluded**

| Municipality | Teeswater | Thornton | Tottenham | Uxbridge | Victoria Harbour |
|---|---|---|---|---|---|
| Population | 843 | P.V. | 476 | 1,366 | 991 |
| Assets | $ c. | $ c. | $ c. | $ c. | $ c |
| Lands and buildings | | | | 40.00 | |
| Substation equipment | 330.31 | | 358.50 | 2,657.65 | |
| Distribution system—overhead | 17,809.44 | 6,805.06 | 9,127.77 | 15,597.48 | 10,716.79 |
| Distribution system—underground | | | | | |
| Line transformers | 6,290.35 | 1,764.80 | 1,697.12 | 5,215.59 | 2,333.76 |
| Meters | 3,870.90 | 1,009.17 | 2,658.64 | 5,905.25 | 3,966.97 |
| Street light equipment, regular | 1,495.82 | 433.25 | 496.86 | 1,505.99 | 366.32 |
| Street light equipment, ornamental | | | | | |
| Miscellaneous construction expense | 1,820.57 | 300.35 | 1,322.52 | 1,088.82 | 738.40 |
| Steam or hydraulic plant | | | | | |
| Old plant | 4,976.86 | | 286.45 | | |
| Total plant | 36,594.25 | 10,312.63 | 15,947.86 | 32,010.78 | 18,122.24 |
| Bank and cash balance | 881.11 | 1,405.12 | 745.56 | 2,830.51 | 1,389.67 |
| Securities and investments | 5,500.00 | 1,000.00 | 250.00 | 1,000.00 | 1,800.00 |
| Accounts receivable | 58.80 | 11.98 | 98.13 | 105.27 | 129.08 |
| Inventories | | | | 41.07 | |
| Sinking fund on local debentures | | | | | |
| Equity in H-E.P.C. systems | 13,443.32 | 3,669.38 | 11,622.15 | 20,639.17 | 7,104.90 |
| Other assets | | | | | |
| Total assets | 56,477.48 | 16,399.11 | 28,663.70 | 56,626.80 | 28,545.89 |
| Deficit | | 752.83 | 4,241.30 | | |
| Total | 56,477.48 | 17,151.94 | 32,905.00 | 56,626.80 | 28,545.89 |
| Liabilities | | | | | |
| Debenture balance | | | 3,117.31 | | |
| Accounts payable | 1.36 | 29.79 | | 67.61 | 45.83 |
| Bank overdraft | | | | | |
| Other liabilities | 67.20 | 5.00 | 249.00 | 435.00 | |
| Total liabilities | 68.56 | 34.79 | 3,366.31 | 502.61 | 45.83 |
| Reserves | | | | | |
| For equity in H-E.P.C. systems | 13,443.32 | 3,669.38 | 11,622.15 | 20,639.17 | 7,104.90 |
| For depreciation | 11,233.36 | 5,947.77 | 8,066.75 | 9,303.48 | 7,399.86 |
| Other reserves | 1,000.00 | | | 1,186.77 | |
| Total reserves | 25,676.68 | 9,617.15 | 19,688.90 | 31,129.42 | 14,504.76 |
| Surplus | | | | | |
| Debentures paid | 28,000.00 | 7,500.00 | 9,849.79 | 16,207.59 | 6,500.00 |
| Local sinking fund | | | | | |
| Operating surplus | 2,732.24 | | | 8,787.18 | 7,495.30 |
| Total surplus | 30,732.24 | 7,500.00 | 9,849.79 | 24,994.77 | 13,995.30 |
| Total liabilities, reserves and surplus | 56,477.48 | 17,151.94 | 32,905.00 | 56,626.80 | 28,545.89 |
| Percentage of net debt to total assets | 0.2 | 0.3 | 19.8 | 1.4 | 0.2 |

**"A"—Continued**

## Hydro Municipalities as at December 31, 1942

| Walkerton<br>2,617 | Waubau-shene P.V. | Wiarton<br>1,704 | Windermere<br>118 | Wingham<br>2,061 | Woodville<br>427 | GEORGIAN BAY SYSTEM SUMMARY |
|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| ........... | ........... | 200.00 | ........... | 21,513.45 | ........... | 142,446.84 |
| ........... | ........... | 333.57 | ........... | 4,863.91 | ........... | 197,605.65 |
| 42,161.75 | 9,937.02 | 21,927.58 | 9,829.60 | 40,549.75 | 3,539.72 | 1,307,550.57 |
| ........... | ........... | ........... | ........... | ........... | ........... | 68,379.44 |
| 14,956.71 | 2,819.84 | 5,967.61 | 3,492.70 | 18,881.24 | 2,167.24 | 506,976.34 |
| 12,950.37 | 3,187.66 | 7,306.22 | 1,235.36 | 16,553.13 | 2,203.79 | 506,313.48 |
| 2,771.24 | 303.35 | 2,914.96 | 247.26 | 11,276.86 | 521.83 | 164,676.84 |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| 2,622.49 | 295.47 | 5,611.43 | 525.65 | 4,654.33 | 268.71 | 95,816.59 |
| ........... | ........... | ........... | ........... | 14,711.99 | ........... | 41,693.99 |
| 4,897.60 | ........... | 2,001.79 | ........... | 12,320.02 | 2,182.50 | 96,428.98 |
| 80,360.16 | 16,543.34 | 46,263.16 | 15,330.57 | 145,324.68 | 10,883.79 | 3,127,888.72 |
| 7,901.31 | ........... | 4,584.63 | 1,300.47 | 30.00 | 65.38 | 107,385.89 |
| 3,500.00 | ........... | 16,500.00 | 2,000.00 | ........... | 5,000.00 | 366,860.32 |
| 538.56 | 120.68 | 310.57 | 157.22 | 1,812.65 | 1,011.10 | 28,716.59 |
| 1,242.36 | ........... | ........... | ........... | 4,350.83 | ........... | 31,960.96 |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| 20,966.20 | 4,863.52 | 15,552.74 | 2,655.12 | 40,372.93 | 10,859.35 | 1,847,051.18 |
| 6.86 | ........... | 2.07 | ........... | ........... | ........... | 13,177.91 |
| 114,515.45 | 21,527.54 | 83,213.17 | 21,443.38 | 191,891.09 | 27,819.62 | 5,523,041.57 |
| ........... | ........... | ........... | ........... | ........... | ........... | 19,671.52 |
| 114,515.45 | 21,527.54 | 83,213.17 | 21,443.38 | 191,891.09 | 27,819.62 | 5,542,713.09 |
| 35,932.05 | ........... | 23,173.55 | 7,271.94 | 20,589.24 | 506.78 | 208,329.06 |
| ........... | 338.64 | 3,108.89 | 23.83 | 39.24 | 377.22 | 31,094.69 |
| ........... | 75.09 | ........... | ........... | 1,172.77 | ........... | 14,698.10 |
| 220.00 | ........... | 194.02 | ........... | 713.55 | 2.00 | 27,886.58 |
| 36,152.05 | 413.73 | 26,476.46 | 7,295.77 | 22,514.80 | 886.00 | 282,008.43 |
| 20,966.20 | 4,863.52 | 15,552.74 | 2,655.12 | 40,372.93 | 10,859.35 | 1,847,051.18 |
| 13,584.26 | 3,557.68 | 8,129.98 | 3,648.27 | 37,899.03 | 3,359.16 | 1,241,148.45 |
| 75.63 | 125.00 | 1,716.66 | ........... | ........... | 1,000.00 | 25,419.66 |
| 34,626.09 | 8,546.20 | 25,399.38 | 6,303.39 | 78,271.96 | 15,218.51 | 3,113,619.29 |
| 27,067.95 | 3,500.00 | 14,226.45 | 4,491.36 | 75,516.26 | 4,993.22 | 1,355,922.54 |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| 16,669.36 | 9,067.61 | 17,110.88 | 3,352.86 | 15,588.07 | 6,721.89 | 791,162.83 |
| 43,737.31 | 12,567.61 | 31,337.33 | 7,844.22 | 91,104.33 | 11,715.11 | 2,147,085.37 |
| 114,515.45 | 21,527.54 | 83,213.17 | 21,443.38 | 191,891.09 | 27,819.62 | 5,542,713.09 |
| 38.6 | 2.5 | 39.1 | 38.7 | 14.9 | 5.2 | 7.7 |

## STATEMENT

### Balance Sheets of Electrical Departments of

**EASTERN ONTARIO SYSTEM**

| Municipality | Alexandria | Apple Hill | Arnprior | Athens | Bath |
|---|---|---|---|---|---|
| Population | 1,952 | P.V. | 3,949 | 676 | 352 |
| | $ c. | $ c. | $ c. | $ c. | $ c. |
| ASSETS | | | | | |
| Lands and buildings | 202.00 | 169.06 | | | |
| Substation equipment | | | | | |
| Distribution system—overhead | 28,122.83 | 3,009.09 | 27,558.70 | 14,364.26 | 6,497.56 |
| Distribution system—underground | | | | | |
| Line transformers | 9,263.52 | 1,421.37 | 10,834.10 | 2,401.06 | 1,481.15 |
| Meters | 7,820.23 | 1,287.17 | 14,140.00 | 3,338.46 | 962.26 |
| Street light equipment, regular | 2,233.59 | 421.12 | 6,115.00 | 698.90 | 554.37 |
| Street light equipment, ornamental | | | | | |
| Miscellaneous construction expense | 5,589.89 | 241.73 | 344.34 | 1,121.05 | 727.38 |
| Steam or hydraulic plant | | | | | |
| Old plant | 4,466.89 | 709.55 | | | |
| Total plant | 57,698.95 | 7,259.09 | 58,992.14 | 21,923.73 | 10,222.72 |
| Bank and cash balance | 1,698.65 | 1,331.26 | 4,028.06 | 235.02 | 271.03 |
| Securities and investments | 21,000.00 | 2,500.00 | 14,000.00 | 5,000.00 | |
| Accounts receivable | 6,531.24 | | 389.01 | 1,468.68 | 18.74 |
| Inventories | | | 819.95 | | |
| Sinking fund on local debentures | | | | | |
| Equity in H-E.P.C. systems | 32,663.01 | 3,579.08 | 5,467.03 | 6,823.69 | 2,267.80 |
| Other assets | | | | | |
| Total assets | 119,591.85 | 14,669.43 | 83,696.19 | 35,451.12 | 12,780.29 |
| Deficit | | | | | |
| Total | 119,591.85 | 14,669.43 | 83,696.19 | 35,451.12 | 12,780.29 |
| LIABILITIES | | | | | |
| Debenture balance | | 82.29 | 31,306.21 | 5,852.27 | 4,730.59 |
| Accounts payable | 7.49 | 164.40 | 4,040.16 | 409.94 | |
| Bank overdraft | | | | | |
| Other liabilities | 691.71 | | 1,973.09 | | 100.00 |
| Total liabilities | 699.20 | 246.69 | 37,319.46 | 6,262.21 | 4,830.59 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems | 32,663.01 | 3,579.08 | 5,467.03 | 6,823.69 | 2,267.80 |
| For depreciation | 24,316.05 | 3,060.76 | 4,384.97 | 6,187.49 | 2,265.67 |
| Other reserves | 1,856.25 | 35.44 | 5,000.00 | 206.06 | |
| Total reserves | 58,835.31 | 6,675.28 | 14,852.00 | 13,217.24 | 4,533.47 |
| SURPLUS | | | | | |
| Debentures paid | 48,133.84 | 5,917.71 | 24,162.92 | 8,147.73 | 2,769.41 |
| Local sinking fund | | | | | |
| Operating surplus | 11,923.50 | 1,829.75 | 7,361.81 | 7,823.94 | 646.82 |
| Total surplus | 60,057.34 | 7,747.46 | 31,524.73 | 15,971.67 | 3,416.23 |
| Total liabilities, reserves and surplus | 119,591.85 | 14,669.43 | 83,696.19 | 35,451.12 | 12,780.29 |
| Percentage of net debt to total assets | 0.8 | 2.2 | 47.7 | 21.8 | 46.0 |

**"A"—Continued**

## Hydro Municipalities as at December 31, 1942

| Belleville 15,001 | Bloomfield 612 | Bowmanville 3,725 | Brighton 1,465 | Brockville 10,463 | Cardinal 1,642 | Carleton Place 4,258 |
|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | c. | $ c. | $ c. | $ c. |
| 42,222.90 | | 30,424.69 | 600.00 | 45,295.14 | | 13,390.32 |
| 89,265.84 | 410.00 | 894.47 | | 39,212.30 | | 2,471.63 |
| 133,420.43 | 11,075.50 | 50,100.59 | 17,014.03 | 101,282.86 | 14,211.70 | 46,688.51 |
| | | | | | | |
| 43,680.13 | 2,251.13 | 12,123.53 | 6,835.54 | 52,199.86 | 4,132.27 | 14,307.32 |
| 70,014.67 | 3,277.85 | 21,341.45 | 8,334.63 | 53,853.15 | 3,783.93 | 19,638.91 |
| 23,735.75 | 1,040.99 | 8,172.97 | 1,305.85 | 27,317.10 | 491.85 | 6,691.85 |
| | | | | | | |
| 13,244.16 | 1,403.42 | 4,335.47 | 547.31 | 1,384.36 | 644.25 | 4,656.58 |
| | | | | | | |
| | | | | 51,787.62 | 3,474.80 | 5,289.19 |
| 415,583.88 | 19,458.89 | 127,393.17 | 34,637.36 | 372,332.39 | 26,738.80 | 113,134.31 |
| 11,301.03 | 2,452.95 | 14,724.12 | 3,012.91 | 13,633.77 | 881.77 | 5,381.63 |
| 15,000.00 | 4,480.00 | 20,000.00 | 4,000.00 | 103,000.00 | 4,000.00 | 31,000.00 |
| 16,683.23 | 217.44 | 2,745.97 | 4,317.94 | 2,535.09 | 233.65 | 793.63 |
| 12,316.59 | | 5,934.33 | 5,789.80 | 5,630.75 | | 1,751.71 |
| | | | | | | |
| 186,664.21 | 6,762.64 | 66,290.84 | 12,376.19 | 185,694.71 | 6,154.50 | 84,918.01 |
| | | 41.50 | 142.54 | 318.63 | | |
| 657,548.94 | 33,371.92 | 237,129.93 | 64,276.74 | 683,145.34 | 38,008.72 | 236,979.29 |
| | | | | | | |
| 657,548.94 | 33,371.92 | 237,129.93 | 64,276.74 | 683,145.34 | 38,008.72 | 236,979.29 |
| | 2,857.92 | | 8,392.37 | | 7,179.39 | 14,289.55 |
| | 487.74 | 338.23 | 51.76 | 12,835.48 | 112.44 | 2,282.50 |
| | | | | | | |
| 11,190.51 | 142.00 | 1,684.66 | 489.06 | 1,142.40 | 5.00 | 1,662.40 |
| 11,190.51 | 3,487.66 | 2,022.89 | 8,933.19 | 13,977.88 | 7,296.83 | 18,234.45 |
| 186,664.21 | 6,762.64 | 66,290.84 | 12,376.19 | 185,694.71 | 6,154.50 | 84,918.01 |
| 61,795.86 | 7,649.47 | 20,370.46 | 5,516.25 | 150,668.71 | 3,769.01 | 22,275.65 |
| 10,716.06 | | 5,500.00 | 2,362.39 | 14,358.76 | 76.36 | 869.25 |
| 259,176.13 | 14,412.11 | 92,161.30 | 20,254.83 | 350,722.18 | 9,999.87 | 108,062.91 |
| 176,000.00 | 8,342.08 | 71,000.00 | 16,607.63 | 226,657.54 | 7,820.61 | 51,710.45 |
| | | | | | | |
| 211,182.30 | 7,130.07 | 71,945.74 | 18,481.09 | 91,787.74 | 12,891.41 | 58,971.48 |
| 387,182.30 | 15,472.15 | 142,945.74 | 35,088.72 | 318,445.28 | 20,712.02 | 110,681.93 |
| 657,548.94 | 33,371.92 | 237,129.93 | 64,276.74 | 683,145.34 | 38,008.72 | 236,979.29 |
| 2.6 | 13.1 | 1.2 | 17.2 | 2.8 | 22.3 | 12.0 |

## STATEMENT

### Balance Sheets of Electrical Departments of

**EASTERN ONTARIO SYSTEM—Continued**

| Municipality | Chesterville | Cobden | Cobourg | Colborne | Deseronto |
|---|---|---|---|---|---|
| Population | 1,073 | 659 | 5,383 | 952 | 1,002 |
| ASSETS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Lands and buildings | 335.00 | | 31,331.24 | | 597.41 |
| Substation equipment | | | 1,668.35 | | 161.18 |
| Distribution system—overhead | 10,641.61 | 4,473.08 | 82,736.11 | 11,053.54 | 11,007.51 |
| Distribution system—underground | | | | | |
| Line transformers | 4,298.04 | 1,146.09 | 26,713.05 | 1,397.11 | 1,753.21 |
| Meters | 5,196.30 | 1,209.52 | 32,125.75 | 3,054.80 | 5,036.39 |
| Street light equipment, regular | 593.64 | 444.46 | 14,002.78 | 1,479.27 | 432.60 |
| Street light equipment, ornamental | | | | | |
| Miscellaneous construction expense | 792.34 | 45.86 | 3,635.72 | 2,385.08 | 405.03 |
| Steam or hydraulic plant | | | | | |
| Old plant | | 2,853.85 | | | |
| Total plant | 21,856.93 | 10,172.86 | 192,213.00 | 19,369.80 | 19,393.33 |
| Bank and cash balance | 1,706.70 | 758.47 | 10,138.39 | 1,838.73 | 1,919.16 |
| Securities and investments | 11,000.00 | 3,500.00 | 17,000.00 | 4,500.00 | |
| Accounts receivable | 1,461.75 | 26.48 | 3,928.48 | 118.40 | 2,139.98 |
| Inventories | 737.24 | | 3,875.82 | 1,280.03 | 484.56 |
| Sinking fund on local debentures | | | | | |
| Equity in H-E.P.C. systems | 28,923.45 | 1,539.65 | 50,153.20 | 4,501.61 | 7,736.80 |
| Other assets | 1.53 | | | 450.91 | 37.06 |
| Total assets | 65,687.60 | 15,997.46 | 277,308.89 | 32,059.48 | 31,710.89 |
| Deficit | | | | | |
| Total | 65,687.60 | 15,997.46 | 277,308.89 | 32,059.48 | 31,710.89 |
| LIABILITIES | | | | | |
| Debenture balance | | 3,529.58 | 62,807.48 | 7,916.57 | |
| Accounts payable | 811.22 | 20.90 | 5,952.91 | 547.20 | 66.33 |
| Bank overdraft | | | | | |
| Other liabilities | 85.00 | 167.50 | 4,835.58 | 244.00 | 318.92 |
| Total liabilities | 896.22 | 3,717.98 | 73,595.97 | 8,707.77 | 385.25 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems | 28,923.45 | 1,539.65 | 50,153.20 | 4,501.61 | 7,736.80 |
| For depreciation | 9,014.07 | 885.21 | 35,734.92 | 3,288.13 | 4,674.65 |
| Other reserves | | | | | |
| Total reserves | 37,937.52 | 2,424.86 | 85,888.12 | 7,789.74 | 12,411.45 |
| SURPLUS | | | | | |
| Debentures paid | 6,500.00 | 4,273.69 | 43,186.02 | 4,278.02 | 15,000.00 |
| Local sinking fund | | | | | |
| Operating surplus | 20,353.86 | 5,580.93 | 74,638.78 | 11,283.95 | 3,914.19 |
| Total surplus | 26,853.86 | 9,854.62 | 117,824.80 | 15,561.97 | 18,914.19 |
| Total liabilities, reserves and surplus | 65,687.60 | 15,997.46 | 277,308.89 | 32,059.48 | 31,710.89 |
| Percentage of net debt to total assets | 2.4 | 25.9 | 32.4 | 31.6 | 1.6 |

"A"—Continued

## Hydro Municipalities as at December 31, 1942

| Finch | Hastings | Havelock | Iroquois | Kemptville | Kingston |
|---|---|---|---|---|---|
| 393 | 763 | 907 | 1,104 | 1,159 | 28,345 |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| | | | | 3,619.13 | 237,390.86 |
| | | 572.90 | 100.00 | | 241,486.46 |
| 8,152.67 | 17,248.78 | 20,064.33 | 4,774.56 | 20,943.26 | 232,862.91 |
| | | | | | 195,460.34 |
| 2,486.47 | 3,383.07 | 2,961.87 | 3,397.83 | 6,702.41 | 89,708.83 |
| 2,137.30 | 3,838.79 | 5,914.66 | 4,402.89 | 7,832.21 | 139,849.04 |
| 504.07 | 1,283.74 | 1,883.33 | 243.00 | 1,090.07 | 77,335.70 |
| | | | | | |
| 54.82 | 721.62 | 4,411.46 | 445.44 | 5,661.10 | 45,420.55 |
| | | | | | |
| | 1,733.13 | 2,420.45 | 575.00 | | 17,665.40 |
| 13,335.33 | 28,209.13 | 38,229.00 | 13,938.72 | 45,848.18 | 1,277,180.09 |
| 1,231.24 | 796.53 | 1,203.15 | 1,751.61 | 1,598.24 | 658.06 |
| 3,500.00 | 6,000.00 | 17,000.00 | 3,500.00 | 23,500.00 | 301,175.00 |
| 728.81 | 93.69 | 99.54 | 256.86 | 1,712.68 | 34,854.13 |
| | | | 84.93 | 685.42 | 19,798.79 |
| | | | | | |
| 4,762.44 | 4,051.44 | 13,027.82 | 813.57 | 22,212.80 | 86,021.34 |
| | | | | | 4,453.93 |
| 23,557.82 | 39,150.79 | 69,559.51 | 20,345.69 | 95,557.32 | 1,724,141.34 |
| | | | | | |
| 23,557.82 | 39,150.79 | 69,559.51 | 20,345.69 | 95,557.32 | 1,724,141.34 |
| 2,580.75 | 12,216.85 | | | 11,278.41 | 18,974.00 |
| 1,713.52 | 0.53 | 0.27 | 1.32 | 228.32 | 111.00 |
| | | | | | 14,386.72 |
| 46.00 | 274.00 | | 152.54 | 150.00 | 66,491.19 |
| 4,340.27 | 12,491.38 | 0.27 | 153.86 | 11,656.73 | 99,962.91 |
| 4,762.44 | 4,051.44 | 13,027.82 | 813.57 | 22,212.80 | 86,021.34 |
| 2,761.15 | 5,539.94 | | 643.40 | 15,612.95 | 333,677.03 |
| 10.59 | | 13,871.40 | 2,000.00 | | 204,244.32 |
| 7,534.18 | 9,591.38 | 26,899.22 | 3,456.97 | 37,825.75 | 623,942.69 |
| 4,419.25 | 8,783.15 | 32,900.00 | | 13,721.59 | 292,926.00 |
| | | | | | |
| 7,264.12 | 8,284.88 | 9,760.02 | 16,734.86 | 32,353.25 | 707,309.74 |
| 11,683.37 | 17,068.03 | 42,660.02 | 16,734.86 | 46,074.84 | 1,000,235.74 |
| 23,557.82 | 39,150.79 | 69,559.51 | 20,345.69 | 95,557.32 | 1,724,141.34 |
| 23.1 | 35.6 | 0.0 | 0.8 | 15.9 | 6.1 |

## STATEMENT

## Balance Sheets of Electrical Departments of

**EASTERN ONTARIO SYSTEM—Continued**

| Municipality | Lakefield | Lanark | Lancaster | Lindsay | Madoc |
|---|---|---|---|---|---|
| Population | 1,267 | 660 | 582 | 7,773 | 1,130 |
| ASSETS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Lands and buildings | 3,137.97 | | | 10,777.68 | 100.00 |
| Substation equipment | | | | 3,176.56 | |
| Distribution system—overhead | 23,372.16 | 6,941.61 | 8,789.65 | 103,593.90 | 11,909.84 |
| Distribution system—underground | | | | | |
| Line transformers | 6,992.86 | 1,953.69 | 1,922.25 | 29,885.15 | 3,496.56 |
| Meters | 7,526.98 | 2,351.23 | 1,943.35 | 35,554.95 | 5,417.90 |
| Street light equipment, regular | 1,896.05 | 747.54 | 650.65 | 10,504.73 | 1,577.14 |
| Street light equipment, ornamental | | | | | |
| Miscellaneous construction expense | 3,896.24 | | 1,068.55 | 2,358.96 | 76.21 |
| Steam or hydraulic plant | | | | | |
| Old plant | 3,445.25 | | | | |
| Total plant | 50,267.51 | 11,994.07 | 14,374.45 | 195,851.93 | 22,577.65 |
| Bank and cash balance | 2,725.25 | 1,617.78 | 377.83 | 4,686.93 | 2,234.36 |
| Securities and investments | 8,000.00 | 5,693.17 | 500.00 | 55,000.00 | 7,000.00 |
| Accounts receivable | 104.64 | 14.43 | 51.04 | 196.64 | 81.16 |
| Inventories | | | | 451.42 | |
| Sinking fund on local debentures | | | | | |
| Equity in H-E.P.C. systems | 14,189.55 | 6,691.96 | 6,600.36 | 103,938.58 | 8,559.45 |
| Other assets | | | | | |
| Total assets | 75,286.95 | 26,011.41 | 21,903.68 | 360,125.50 | 40,452.62 |
| Deficit | | | | | |
| Total | 75,286.95 | 26,011.41 | 21,903.68 | 360,125.50 | 40,452.62 |
| LIABILITIES | | | | | |
| Debenture balance | 15,619.83 | | | 52,947.30 | |
| Accounts payable | | 9.31 | 248.20 | | 4.10 |
| Bank overdraft | | | | | |
| Other liabilities | 682.80 | 90.00 | 178.36 | 3,335.63 | 433.00 |
| Total liabilities | 16,302.63 | 99.31 | 426.56 | 56,282.93 | 437.10 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems | 14,189.55 | 6,691.96 | 6,600.36 | 103,938.58 | 8,559.45 |
| For depreciation | 16,023.26 | 4,581.69 | 2,792.47 | 51,727.21 | 1,830.40 |
| Other reserves | | | | | |
| Total reserves | 30,212.81 | 11,273.65 | 9,392.83 | 155,665.79 | 10,389.85 |
| SURPLUS | | | | | |
| Debentures paid | 17,880.17 | 7,316.57 | 9,970.42 | 77,052.70 | 14,000.00 |
| Local sinking fund | | | | | |
| Operating surplus | 10,891.34 | 7,321.88 | 2,113.87 | 71,124.08 | 15,625.67 |
| Total surplus | 28,771.51 | 14,638.45 | 12,084.29 | 148,176.78 | 29,625.67 |
| Total liabilities, reserves and surplus | 75,286.95 | 26,011.41 | 21,903.68 | 360,125.50 | 40,452.62 |
| Percentage of net debt to total assets | 26.6 | 0.5 | 2.8 | 21.9 | 1.4 |

**"A"—Continued**

**Hydro Municipalities as at December 31, 1942**

| Marmora<br>983 | Martintown<br>P.V. | Maxville<br>811 | Millbrook<br>763 | Morrisburg<br>1,518 | Napanee<br>3,277 | Newcastle<br>686 |
|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| .......... | 126.15 | .......... | .......... | 5,000.00 | 15,315.23 | 107.37 |
| .......... | .......... | 407.79 | .......... | 4,457.21 | 2,358.27 | .......... |
| 13,986.74 | 2,840.45 | 12,008.56 | 6,168.22 | 11,978.13 | 47,795.94 | 14,925.39 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 3,808.11 | 759.39 | 2,391.79 | 758.45 | 5,541.80 | 11,717.88 | 4,095.74 |
| 4,042.21 | 1,099.07 | 2,975.36 | 1,908.76 | 7,254.35 | 18,730.29 | 3,940.42 |
| 1,193.23 | 354.94 | 1,950.24 | 595.65 | 795.00 | 4,679.85 | 876.40 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 2,160.30 | 690.21 | 2,448.14 | 79.92 | 313.91 | 4,309.52 | 847.65 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 573.62 | .......... | .......... | .......... | 27,733.82 | .......... | .......... |
| 25,764.21 | 5,870.21 | 22,181.88 | 9,511.00 | 63,074.25 | 104,906.98 | 24,792.97 |
| 2,753.14 | 495.92 | 697.29 | 2,835.51 | 3,215.55 | 100.00 | 1,447.64 |
| 3,000.00 | 2,500.00 | 6,200.00 | 1,000.00 | 6,500.00 | .......... | 1,500.00 |
| 184.04 | 213.38 | 107.91 | 23.76 | 664.57 | 7,531.82 | 256.18 |
| 95.00 | .......... | .......... | .......... | .......... | 7,945.63 | .......... |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 6,107.44 | 2,253.70 | 10,301.76 | 703.84 | 1,634.30 | 45,073.83 | 1,997.77 |
| .......... | .......... | .......... | .......... | .......... | 15.72 | .......... |
| 37,903.83 | 11,333.21 | 39,488.84 | 14,074.11 | 75,088.67 | 165,573.98 | 29,994.56 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 37,903.83 | 11,333.21 | 39,488.84 | 14,074.11 | 75,088.67 | 165,573.98 | 29,994.56 |
| .......... | .......... | .......... | 5,408.74 | 17,236.40 | .......... | .......... |
| .......... | .......... | .30 | .......... | 108.04 | .......... | .......... |
| .......... | .......... | .......... | .......... | .......... | 5,142.43 | .......... |
| 245.00 | 5.00 | 150.00 | 249.82 | 1,049.42 | 977.99 | .......... |
| 245.00 | 5.00 | 150.30 | 5,658.56 | 18,393.86 | 6,120.42 | .......... |
| 6,107.44 | 2,253.70 | 10,301.76 | 703.84 | 1,634.30 | 45,073.83 | 1,997.77 |
| 5,976.33 | 2,438.81 | 7,975.41 | 763.67 | 2,924.00 | 15,163.88 | 10,637.25 |
| .......... | 81.02 | 370.26 | .......... | 31,296.54 | .......... | .......... |
| 12,083.77 | 4,773.53 | 18,647.43 | 1,467.51 | 35,854.84 | 60,237.71 | 12,635.02 |
| 17,666.11 | 6,000.00 | 16,000.00 | 3,591.26 | 17,336.88 | 70,000.00 | 14,000.00 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 7,908.95 | 554.68 | 4,691.11 | 3,356.78 | 3,503.09 | 29,215.85 | 3,359.54 |
| 25,575.06 | 6,554.68 | 20,691.11 | 6,948.04 | 20,839.97 | 99,215.85 | 17,359.54 |
| 37,903.83 | 11,333.21 | 39,488.84 | 14,074.11 | 75,088.67 | 165,573.98 | 29,994.56 |
| 0.8 | 0.1 | 0.5 | 42.3 | 25.0 | 5.0 | 0.0 |

## STATEMENT

### Balance Sheets of Electrical Departments of

**EASTERN ONTARIO SYSTEM—Continued**

| Municipality | Norwood | Omemee | Orono | Oshawa |
|---|---|---|---|---|
| Population | 710 | 641 | P.V. | 26,428 |
| ASSETS | $ c. | $ c. | $ c. | $ c. |
| Lands and buildings |  |  |  | 62,098.55 |
| Substation equipment | 457.53 | 360.32 |  | 8,449.47 |
| Distribution system—overhead | 23,684.31 | 14,018.53 | 5,152.00 | 271,979.42 |
| Distribution system—underground |  |  |  |  |
| Line transformers | 4,035.13 | 6,997.78 | 1,026.77 | 76,074.87 |
| Meters | 5,403.33 | 3,766.55 | 1,872.12 | 129,519.53 |
| Street light equipment, regular | 1,886.92 | 805.48 | 602.99 | 18,403.58 |
| Street light equipment, ornamental |  |  |  |  |
| Miscellaneous construction expense | 3,728.63 | 1,672.75 | 295.97 | 54,057.42 |
| Steam or hydraulic plant |  |  |  |  |
| Old plant | 2,447.51 |  |  | 6,431.65 |
| Total plant | 41,643.36 | 27,621.41 | 8,949.85 | 627,014.49 |
| Bank and cash balance | 2,342.42 | 30.67 | 2,497.12 | 26,070.16 |
| Securities and investments | 15,500.00 | 6,000.00 | 1,500.00 | 15,000.00 |
| Accounts receivable | 866.62 | 32.06 | 18.24 | 63,029.30 |
| Inventories |  |  |  | 21,648.30 |
| Sinking fund on local debentures |  |  |  |  |
| Equity in H-E.P.C. systems | 6,475.64 | 878.83 | 784.98 | 574,023.06 |
| Other assets |  |  |  |  |
| Total assets | 66,828.04 | 34,562.97 | 13,750.19 | 1,326,785.31 |
| Deficit |  |  |  |  |
| Total | 66,828.04 | 34,562.97 | 13,750.19 | 1,326,785.31 |
| LIABILITIES |  |  |  |  |
| Debenture balance | 15,271.07 |  | 3,671.84 | 72,000.00 |
| Accounts payable | .96 | 1,300.00 | 164.85 | 47,255.22 |
| Bank overdraft |  |  |  |  |
| Other liabilities | 477.98 | 197.32 |  | 26,422.00 |
| Total liabilities | 15,750.01 | 1,497.32 | 3,836.69 | 145,677.22 |
| RESERVES |  |  |  |  |
| For equity in H-E.P.C. systems | 6,475.64 | 878.83 | 784.98 | 574,023.06 |
| For depreciation | 17,262.54 | 11,936.69 | 500.00 | 109,068.09 |
| Other reserves |  |  | 1,768.09 | 54,144.38 |
| Total reserves | 23,738.18 | 12,815.52 | 3,053.07 | 737,235.53 |
| SURPLUS |  |  |  |  |
| Debentures paid | 21,828.93 | 12,000.00 | 4,328.16 | 238,000.00 |
| Local sinking fund |  |  |  |  |
| Operating surplus | 5,510.92 | 8,250.13 | 2,532.27 | 205,872.56 |
| Total surplus | 27,339.85 | 20,250.13 | 6,860.43 | 443,872.56 |
| Total liabilities, reserves and surplus | 66,828.04 | 34,562.97 | 13,750.19 | 1,326,785.31 |
| Percentage of net debt to total assets | 26.1 | 4.4 | 29.9 | 19.3 |

## "A"—Continued

## Hydro Municipalities as at December 31, 1942

| Ottawa<br>154,585 | Perth<br>4,286 | Peterborough<br>25,529 | Picton<br>3,570 | Port Hope<br>4,962 | Prescott<br>3,120 | Richmond<br>421 |
|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 486,148.17 | 5,109.34 | 80,537.86 | 10,896.49 | 11,691.21 | 2,761.54 | ........... |
| 870,159.39 | 6,961.44 | 124,548.59 | 2,004.66 | 3,100.00 | ........... | ........... |
| 906,260.89 | 49,661.33 | 331,587.13 | 41,986.40 | 56,584.59 | 42,426.99 | 6,748.25 |
| 320,037.05 | ........... | ........... | ........... | ........... | ........... | ........... |
| 404,763.60 | 26,660.86 | 136,287.31 | 13,890.62 | 19,866.33 | 17,659.66 | 1,445.78 |
| 310,144.37 | 25,222.60 | 126,521.24 | 19,865.87 | 27,641.96 | 20,884.54 | 1,497.63 |
| 124,662.85 | 4,738.61 | 60,920.06 | 10,557.74 | 3,608.73 | 2,302.03 | 194.48 |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| 43,850.80 | 4,520.16 | 81,277.97 | 3,993.78 | 5,013.69 | 816.15 | 615.66 |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| ........... | 23,354.70 | 29,771.74 | ........... | ........... | ........... | ........... |
| 3,466,027.12 | 146,229.04 | 971,451.90 | 103,195.56 | 127,506.51 | 86,850.91 | 10,501.80 |
| 305,861.04 | 15,003.88 | 26,009.49 | 6,409.08 | 2,831.33 | 2,954.19 | 1,322.64 |
| 540,000.00 | 79,500.00 | 40,000.00 | 25,500.00 | 11,000.00 | 3,300.00 | ........... |
| 84,700.83 | 2,250.61 | 29,904.66 | 1,345.84 | 544.91 | 1,143.89 | 156.02 |
| 57,088.46 | 11,844.80 | 21,325.50 | 6,035.32 | 2,181.34 | 677.78 | ........... |
| 382,642.39 | ........... | 423,593.28 | ........... | ........... | ........... | ........... |
| 204,291.77 | 74,690.36 | 336,149.35 | 57,397.52 | 62,062.92 | 52,284.13 | 3,190.85 |
| ........... | 7.11 | ........... | ........... | ........... | 989.29 | ........... |
| 5,040,611.61 | 329,525.80 | 1,848,434.18 | 199,883.32 | 206,127.01 | 148,200.19 | 15,171.31 |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| 5,040,611.61 | 329,525.80 | 1,848,434.18 | 199,883.32 | 206,127.01 | 148,200.19 | 15.171.31 |
| 345,216.19 | 33,368.35 | 523,920.00 | ........... | ........... | ........... | 2,786.83 |
| 71,139.30 | 6,677.08 | 27,853.39 | ........... | .86 | 384.79 | ........... |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| ........... | 2,934.07 | 390.00 | 4,023.42 | 5,957.21 | 429.53 | 81.87 |
| 416,355.49 | 42,979.50 | 552,163.39 | 4,023.42 | 5,958.07 | 814.32 | 2,868.70 |
| 204,291.77 | 74,690.36 | 336,149.35 | 57,397.52 | 62,062.92 | 52,284.13 | 3,190.85 |
| 1,594,373.98 | 68,572.47 | 182,280.50 | 21,924.63 | 25,838.89 | 53,248.19 | 2,734.59 |
| 422,705.42 | 2,822.48 | 1,204.83 | 5,968.91 | ........... | ........... | 52.84 |
| 2,221,371.17 | 146,085.31 | 519,634.68 | 85,291.06 | 87,901.81 | 105,532.32 | 5,978.28 |
| 634,783.81 | 75,031.65 | 54,000.00 | 5,730.32 | 79,000.00 | 12,170.99 | 3,713.17 |
| 382,642.39 | ........... | 423,593.28 | ........... | ........... | ........... | ........... |
| 1,385,458.75 | 65,429.34 | 299,042.83 | 104,838.52 | 33,267.13 | 29,682.56 | 2,611.16 |
| 2,402,884.95 | 140,460.99 | 776,636.11 | 110,568.84 | 112,267.13 | 41,853.55 | 6,324.33 |
| 5,040,611.61 | 329,525.80 | 1,848,434.18 | 199,883.32 | 206,127.01 | 148,200.19 | 15,171.31 |
| 1.6 | 17.0 | 11.8 | 2.8 | 4.1 | 0.8 | 24.0 |

## STATEMENT

## Balance Sheets of Electrical Departments of

**EASTERN ONTARIO SYSTEM—Concluded**

| Municipality<br>Population | Russell<br>P.V. | Smiths Falls<br>7,418 | Stirling<br>922 | Trenton<br>7,636 | Tweed<br>1,242 |
|---|---|---|---|---|---|
| ASSETS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Lands and buildings | | 9,627.06 | 8,522.88 | 5,139.41 | |
| Substation equipment | | 4,765.59 | 7,964.55 | 41,633.02 | |
| Distribution system—overhead | 8,215.46 | 95,310.96 | 7,057.31 | 119,062.55 | 15,644.94 |
| Distribution system—underground | | | | | |
| Line transformers | 1,790.50 | 38,993.90 | 4,854.60 | 26,984.61 | 4,514.37 |
| Meters | 1,854.97 | 38,377.66 | 5,327.42 | 39,550.51 | 5,879.81 |
| Street light equipment, regular | 589.70 | 9,539.26 | 3,203.33 | 18,367.93 | 2,292.51 |
| Street light equipment, ornamental | | | | | |
| Miscellaneous construction expense | 1,244.93 | 5,848.37 | 572.53 | 8,237.20 | |
| Steam or hydraulic plant | | | | | |
| Old plant | | | | | |
| Total plant | 13,695.56 | 202,462.80 | 37,502.62 | 258,975.23 | 28,331.63 |
| Bank and cash balance | 1,448.52 | 6,429.61 | 10,287.03 | 11,472.71 | 1,203.06 |
| Securities and investments | 5,000.00 | 80,960.00 | 4,485.43 | 20,000.00 | 6,500.00 |
| Accounts receivable | 280.83 | 901.27 | 667.56 | 381.35 | 355.80 |
| Inventories | | | 733.90 | 3,581.15 | 430.49 |
| Sinking fund on local debentures | | | | | |
| Equity in H-E.P.C. systems | 6,028.37 | 108,490.61 | 9,453.44 | 85,692.91 | 10,517.92 |
| Other assets | | | | 3.84 | |
| Total assets | 26,453.28 | 399,244.29 | 63,129.98 | 380,107.19 | 47,338.90 |
| Deficit | | | | | |
| Total | 26,453.28 | 399,244.29 | 63,129.98 | 380,107.19 | 47,338.90 |
| LIABILITIES | | | | | |
| Debenture balance | 2,257.62 | | | 17,060.11 | 3,542.19 |
| Accounts payable | 97.75 | 391.64 | | 276.16 | |
| Bank overdraft | | | | | |
| Other liabilities | 30.00 | 323.30 | 388.73 | 6,580.50 | 308.19 |
| Total liabilities | 2,385.37 | 714.94 | 388.73 | 23,916.77 | 3,850.38 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems | 6,028.37 | 108,490.61 | 9,453.44 | 85,692.91 | 10,517.92 |
| For depreciation | 3,686.44 | 96,675.27 | 8,188.52 | 49,400.99 | 4,141.56 |
| Other reserves | | 5,550.64 | | 7,500.00 | 1,953.01 |
| Total reserves | 9,714.81 | 210,716.52 | 17,641.96 | 142,593.90 | 16,612.49 |
| SURPLUS | | | | | |
| Debentures paid | 7,742.38 | 133,737.33 | 10,000.00 | 147,939.89 | 15,457.81 |
| Local sinking fund | | | | | |
| Operating surplus | 6,610.72 | 54.075.50 | 35,099.29 | 65,656.63 | 11,418.22 |
| Total surplus | 14,353.10 | 187,812.83 | 45,099.29 | 213,596.52 | 26,876.03 |
| Total liabilities, reserves and surplus | 26,453.28 | 399,244.29 | 63,129.98 | 380,107.19 | 47.338.90 |
| Percentage of net debt to total assets | 11.6 | 0.2 | 0.7 | 8.1 | 10.4 |

**"A"—Continued**

## Hydro Municipalities as at December 31, 1942

| Warkworth P.V. | Wellington 927 | Westport 681 | Whitby 4,282 | Williams-burgh P.V. | Winchester 1,146 | EASTERN ONTARIO SYSTEM SUMMARY |
|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| ........... | 200.00 | ........... | 6,619.20 | ........... | 299.85 | 1,129,793.71 |
| ........... | 499.80 | ........... | 34,288.16 | ........... | ........... | 1,491,835.48 |
| 5,697.62 | 15,250.70 | 7,349.21 | 61,671.33 | 3,431.14 | 10,461.21 | 3,240,857.28 |
| ........... | ........... | ........... | ........... | ........... | ........... | 515,497.39 |
| 850.80 | 4,535.20 | 1,015.48 | 15,640.86 | 1,978.92 | 4,498.65 | 1,192,569.23 |
| 2,132.32 | 6,070.62 | 1,794.62 | 21,625.59 | 2,391.10 | 5,906.62 | 1,314,386.21 |
| 338.08 | 1,349.61 | 706.11 | 12,478.33 | 174.61 | 719.87 | 482,336.23 |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| 609.19 | 871.94 | 1,380.69 | 8,166.49 | 106.18 | 315.52 | 343,664.62 |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| 3,618.02 | 2,477.92 | 1,713.00 | 1,340.13 | ........... | 1,100.00 | 194,983.24 |
| 13,246.03 | 31,255.79 | 13,959.11 | 161,830.09 | 8,081.95 | 23,301.72 | 9,905,923.39 |
| 649.92 | 909.67 | 834.36 | 2,542.57 | 1,627.04 | 2,232.81 | 536,709.00 |
| 3,500.00 | 9,000.00 | 5,800.00 | 14,000.00 | 21,000.00 | 10,000.00 | 1,629,093.60 |
| 22.14 | 64.45 | .06 | 1,484.49 | 505.99 | 301.10 | 279,743.01 |
| ........... | ........... | ........... | 375.02 | ........... | ........... | 193,604.03 |
| ........... | ........... | ........... | ........... | ........... | ........... | 806,235.67 |
| 4,207.98 | 10,815.01 | 5,292.95 | 54,772.68 | 6,763.47 | 21,055.20 | 2,726,778.32 |
| ........... | ........... | ........... | 25.02 | ........... | ........... | 6,487.08 |
| 21,626.07 | 52,044.92 | 25,886.48 | 235,029.87 | 37,978.45 | 56,890.83 | 16,084,574.10 |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| 21,626.07 | 52,044.92 | 25,886.48 | 235,029.87 | 37,978.45 | 56,890.83 | 16,084,574.10 |
| 6,699.84 | 3,707.02 | 8,726.32 | 11,718.16 | ........... | 1,418.40 | 1,336,570.44 |
| ........... | 105.45 | ........... | 288.98 | ........... | ........... | 186,490.04 |
| ........... | ........... | ........... | ........... | ........... | ........... | 19,529.15 |
| 24.00 | 44.25 | 165.00 | 1,618.60 | 319.56 | 10.00 | 149,968.11 |
| 6,723.84 | 3,856.72 | 8,891.32 | 13,625.74 | 319.56 | 1,428.40 | 1,692,557.74 |
| 4,207.98 | 10,815.01 | 5,292.95 | 54,772.68 | 6,763.47 | 21,055.20 | 2,726,778.32 |
| 3,365.52 | 12,448.32 | 2,413.46 | 30,619.40 | 4,111.72 | 11,434.12 | 3,161,152.07 |
| ........... | ........... | ........... | ........... | 345.62 | ........... | 796,870.92 |
| 7,573.50 | 23,263.33 | 7,706.41 | 85,392.08 | 11,220.81 | 32,489.32 | 6,684,801.31 |
| 4,300.16 | 13,292.98 | 6,273.68 | 64,894.34 | 2,750.00 | 9,231.60 | 2,900,278.95 |
| ........... | ........... | ........... | ........... | ........... | ........... | 806,235.67 |
| 3,028.57 | 11,631.89 | 3,015.07 | 71,117.71 | 23,688.08 | 13,741.51 | 4,000,700.43 |
| 7,328.73 | 24,924.87 | 9,288.75 | 136,012.05 | 26,438.08 | 22,973.11 | 7,707,215.05 |
| 21,626.07 | 52,044.92 | 25,886.48 | 235,029.87 | 37,978.45 | 56,890.83 | 16,084,574 10 |
| 38.6 | 9.4 | 42.7 | 7.0 | 1.0 | 4.0 | 7.1 |

## STATEMENT

## Balance Sheet of Electrical Departments of

### THUNDER BAY SYSTEM

| Municipality<br>Population | Fort William<br>28,626 | Nipigon Twp. | Port Arthur<br>23,384 | THUNDER BAY SYSTEM SUMMARY |
|---|---|---|---|---|
| ASSETS | $ c. | c. | $ c. | $ c. |
| Lands and buildings | 86,326.42 | 215.03 | 466,837.65 | 553,379.10 |
| Substation equipment | 152,518.05 | | 310,294.87 | 462,812.92 |
| Distribution system—overhead | 230,740.10 | 18,492.42 | 512,164.00 | 761,396.52 |
| Distribution system—underground | | | | |
| Line transformers | 93,235.72 | 5,223.01 | 112,745.29 | 211,204.02 |
| Meters | 88,272.56 | 4,323.00 | 115,760.76 | 208,356.32 |
| Street light equipment, regular | 47,235.33 | 2,436.86 | 82,604.18 | 132,276.37 |
| Street light equipment, ornamental | | | | |
| Miscellaneous construction expense | 27,415.92 | 197.64 | 36,380.68 | 63,994.24 |
| Steam or hydraulic plant | | | 325,003.44 | 325,003.44 |
| Old plant | | | | |
| Total plant | 725,744.10 | 30,887.96 | 1,961,790.87 | 2,718,422.93 |
| Bank and cash balance | | 1,046.12 | 9,224.09 | 10,270.21 |
| Securities and investments | 85,800.00 | 2,000.00 | 604,244.63 | 692,044.63 |
| Accounts receivable | 29,295.49 | 103.46 | 76,727.24 | 106,126.19 |
| Inventories | 26,767.58 | 118.47 | 24,633.97 | 51,520.02 |
| Sinking fund on local debentures | 103,696.62 | | | 103,696.62 |
| Equity in H-E.P.C. systems | 704,110.08 | 6,082.66 | 2,302,151.73 | 3,012,344.47 |
| Other assets | 1,372.26 | | 850.00 | 2,222.26 |
| Total assets | 1,676,786.13 | 40,238.67 | 4,979,622.53 | 6,696,647.33 |
| Deficit | | | | |
| Total | 1,676,786.13 | 40,238.67 | 4,979,622.53 | 6,696,647.33 |
| LIABILITIES | | | | |
| Debenture balance | 250,000.00 | 1,598.42 | | 251,598.42 |
| Accounts payable | 47,389.39 | 51.89 | 4,430.36 | 51,871.64 |
| Bank overdraft | 23,042.26 | | | 23,042.26 |
| Other liabilities | 30,006.74 | | | 30,006.74 |
| Total liabilities | 350,438.39 | 1,650.31 | 4,430.36 | 356,519.06 |
| RESERVES | | | | |
| For equity in H-E.P.C. systems | 704,110.08 | 6,082.66 | 2,302,151.73 | 3,012,344.47 |
| For depreciation | 161,403.06 | 4,550.98 | 657,652.57 | 823,606.61 |
| Other reserves | 36,495.17 | 500.00 | 131,091.67 | 168,086.84 |
| Total reserves | 902,008.31 | 11,133.64 | 3,090,895.97 | 4,004,037.92 |
| SURPLUS | | | | |
| Debentures paid | 124,209.11 | 8,401.58 | 642,100.00 | 774,710.69 |
| Local sinking fund | 103,696.62 | | | 103,696.62 |
| Operating surplus | 196,433.70 | 19,053.14 | 1,242,196.20 | 1,457,683.04 |
| Total surplus | 424,339.43 | 27,454.72 | 1,884,296.20 | 2,336,090.35 |
| Total liabilities, reserves and surplus | 1,676,786.13 | 40,238.67 | 4,979,622.53 | 6,696,647.33 |
| Percentage of net debt to total assets | 28.4 | 4.8 | 0.2 | 7.1 |

**"A"—Continued**

**Hydro Municipalities as at December 31, 1942**

| Capreol<br>1,660 | North Bay<br>15,975 | Sioux Lookout<br>1,950 | Sudbury<br>31,789 | NORTHERN ONTARIO DISTRICTS SUMMARY | ALL SYSTEMS GRAND SUMMARY |
|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 450.00 | 59,446.84 | ........ | 73,127.45 | 133,024.29 | 11,546,286.55 |
| 9,730.32 | 71,129.06 | ........ | 118,856.20 | 199,715.58 | 25,359,352.47 |
| 13,603.79 | 146,378.33 | 9,242.18 | 373,583.76 | 542,808.06 | 25,572,132.86 |
| ........ | ........ | ........ | ........ | ........ | 6,446,133.75 |
| 5,209.62 | 40,054.81 | 3,553.01 | 107,431.48 | 156,248.92 | 12,209,624.79 |
| 5,233.61 | 81,343.34 | 5,952.56 | 132,185.06 | 224,714.57 | 10,938,305.73 |
| 1,126.26 | 28,255.84 | 1,794.15 | 110,690.49 | 141,866.74 | 2,928,896.30 |
| ........ | ........ | ........ | ........ | ........ | 1,543,717.00 |
| 732.07 | 15,898.54 | 789.40 | 19,014.66 | 36,434.67 | 4,091,006.92 |
| ........ | ........ | ........ | ........ | ........ | 422,172.72 |
| ........ | ........ | ........ | ........ | ........ | 1,028,830.05 |
| 36,085.67 | 442,506.76 | 21,331.30 | 934,889.10 | 1,434,812.83 | 102,086,459.14 |
| 666.55 | 14,645.06 | 1,316.33 | 37,699.62 | 54,327.56 | 2,482,945.50 |
| 6,000.00 | 100,750.00 | ........ | 168,500.00 | 275,250.00 | 12,592,455.09 |
| 591.83 | 10,409.02 | 302.32 | 23,039.38 | 34,342.55 | 3,614,066.68 |
| ........ | 9,711.61 | ........ | 29,945.89 | 39,657.50 | 2,047,430.38 |
| ........ | ........ | ........ | ........ | ........ | 5,445,199.46 |
| ........ | ........ | ........ | ........ | ........ | 57,080,491.77 |
| ........ | 639.79 | ........ | 83.59 | 723.38 | 197,190.92 |
| 43.344.05 | 578,662.24 | 22,949.95 | 1,194,157.58 | 1,839,113.82 | 185,546,238.94 |
| ........ | ........ | ........ | ........ | ........ | 20,106.93 |
| 43,344.05 | 578,662.24 | 22,949.95 | 1,194,157.58 | 1,839,113.82 | 185,566,345.87 |
| ........ | 222,500.00 | ........ | 98,867.77 | 321,367.77 | 16,184,642.53 |
| 78.81 | 53.19 | 130.79 | 28,191.69 | 28,454.48 | 2,399,404.91 |
| ........ | ........ | ........ | ........ | ........ | 105,571.05 |
| 420.00 | 26,664.61 | 2,362.33 | 37,699.54 | 67,146.48 | 2,806,844.10 |
| 498.81 | 249,217.80 | 2,493.12 | 164,759.00 | 416,968.73 | 21,496,462.59 |
| ........ | ........ | ........ | ........ | ........ | 57,080,491.77 |
| 5,573.84 | 211,243.64 | 1,350.90 | 96,803.26 | 314,971.64 | 29,840,207.73 |
| 133.88 | 21,857.96 | 100.00 | 83,135.52 | 105,227.36 | 4,907,609.88 |
| 5,707.72 | 233,101.60 | 1,450.90 | 179,938.78 | 420,199.00 | 91,828,309.38 |
| 19,000.00 | 17,500.00 | ........ | 368,470.76 | 404,970.76 | 41,183,741.27 |
| ........ | ........ | ........ | ........ | ........ | 5,445,199.46 |
| 18,137.52 | 78,842.84 | 19,005.93 | 480,989.04 | 596,975.33 | 25,612,633.17 |
| 37,137.52 | 96,342.84 | 19,005.93 | 849,459.80 | 1,001,946.09 | 72,241,573.90 |
| 43,344.05 | 578,662.24 | 22,949.95 | 1,194,157.58 | 1,839,113.82 | 185,566,345.87 |
| 1.2 | 43.1 | 10.9 | 13.8 | 22.7 | 11.9 |

## STATEMENT

## Detailed Operating Reports of Electrical Departments of

**NIAGARA SYSTEM**

| Municipality<br>Population | Acton<br>1,954 | Agincourt<br>P.V. | Ailsa Craig<br>457 | Alvinston<br>645 | Amherstburg<br>2,743 |
|---|---|---|---|---|---|
| EARNINGS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 13,479.95 | 5,871.58 | 2,666.78 | 3,989.88 | 23,663.39 |
| Commercial light service | 5,456.94 | 1,174.86 | 1,176.66 | 1,923.82 | 8,997.66 |
| Commercial power service | 30,439.09 | 1,150.76 | 1,358.01 | 222.45 | 7,663.22 |
| Municipal power | 737.16 | | | 315.09 | |
| Street lighting | 1,988.07 | 792.00 | 677.00 | 1,537.40 | 2,211.00 |
| Merchandise | 175.27 | | | | 50.36 |
| Miscellaneous | 338.78 | 335.00 | 318.95 | 219.37 | 233.19 |
| Total earnings | 52,615.26 | 9,324.20 | 6,197.40 | 8,208.01 | 42,818.82 |
| EXPENSES | | | | | |
| Power purchased | 41,329.62 | 4,747.76 | 4,139.23 | 3,925.39 | 26,109.81 |
| Substation operation | | | | | |
| Substation maintenance | 22.50 | | | | |
| Distribution system, operation and maintenance | 3,228.95 | 82.82 | 147.28 | 322.13 | 780.48 |
| Line transformer maintenance | 55.50 | 19.40 | | | .50 |
| Meter maintenance | 307.74 | 37.74 | 410.29 | 1.04 | 88.45 |
| Consumers' premises expenses | 348.30 | 103.47 | | | 1,696.76 |
| Street lighting, operation and maintenance | 489.56 | 64.23 | 72.24 | 98.56 | 287.68 |
| Promotion of business | | | | | 24.00 |
| Billing and collecting | 1,032.54 | 529.02 | 111.64 | 383.09 | 1,245.29 |
| General office, salaries and expenses | 584.22 | 100.53 | 82.63 | 281.83 | 748.17 |
| Undistributed expenses | 161.74 | | 17.50 | 19.48 | 24.07 |
| Truck operation and maintenance | 259.79 | | | | 192.19 |
| Interest | | | | 102.94 | 587.35 |
| Sinking fund and principal payments on debentures | | | | 1,687.93 | 1,000.00 |
| Depreciation | 1,681.00 | 505.00 | 562.00 | 852.00 | 2,649.00 |
| Other reserves | 1,500.00 | 1,500.00 | | | |
| Total operating costs and fixed charges | 51,001.46 | 7,689.97 | 5,542.81 | 7,674.39 | 35,433.75 |
| Net surplus | 1,613.80 | 1,634.23 | 654.59 | 533.62 | 7,385.07 |
| Net loss | | | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service | 542 | 167 | 146 | 190 | 728 |
| Commercial light service | 87 | 26 | 34 | 52 | 131 |
| Power service | 18 | 3 | 4 | 3 | 16 |
| Total | 647 | 196 | 184 | 245 | 875 |

"B"

## Hydro Municipalities for Year Ended December 31, 1942

| Ancaster Twp. | Arkona 385 | Aylmer 2,412 | Ayr 772 | Baden P.V. | Beachville P.V. | Beamsville |
|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 13,454.11 | 3,140.27 | 13,251.96 | 6,121.91 | 4,052.79 | 3,801.65 | 11,592.27 |
| 3,283.50 | 1,575.93 | 10,500.80 | 2,140.63 | 2,226.65 | 674.66 | 5,439.09 |
| 956.75 | 233.20 | 9,649.27 | 672.20 | 10,549.55 | 16,726.08 | 2,105.98 |
| 299.36 | ........ | 1,045.30 | ........ | ........ | ........ | ........ |
| 1,104.06 | 1,066.73 | 2,814.77 | 1,194.10 | 706.67 | 497.03 | 2,056.03 |
| ........ | ........ | ........ | ........ | ........ | ........ | ........ |
| ........ | .19 | 1,025.85 | 60.00 | 82.71 | 264.00 | 244.89 |
| 19,097.78 | 6,016.32 | 38,287.95 | 10,188.84 | 17,618.37 | 21,963.42 | 21,438.26 |
| 9,162.20 | 2,427.41 | 23,167.43 | 6,704.00 | 13,971.56 | 18,169.04 | 10,708.26 |
| ........ | ........ | ........ | ........ | ........ | ........ | ........ |
| ........ | ........ | ........ | ........ | ........ | ........ | ........ |
| 1,695.56 | 115.28 | 1,273.17 | 472.65 | 266.60 | 173.79 | 661.94 |
| 49.68 | ........ | 127.40 | ........ | ........ | 30.08 | ........ |
| 370.53 | 67.40 | 676.88 | 21.50 | 45.77 | 99.70 | ........ |
| 266.02 | ........ | 560.17 | 5.10 | 120.08 | ........ | 81.85 |
| 357.28 | 96.31 | 390.48 | 134.98 | 152.87 | 73.03 | 261.87 |
| ........ | ........ | 5.00 | ........ | ........ | ........ | ........ |
| 1,334.50 | 237.74 | 846.81 | 458.46 | 293.45 | 314.51 | 810.68 |
| 837.52 | 66.39 | 1,438.92 | 101.41 | 151.15 | 154.14 | 451.02 |
| 72.42 | 11.53 | 106.46 | 7.85 | 10.75 | 12.04 | 5.88 |
| ........ | ........ | 212.32 | ........ | ........ | ........ | ........ |
| 463.56 | 222.95 | 474.84 | 174.73 | ........ | 15.59 | 541.22 |
| 774.89 | 911.89 | 1,122.38 | 542.42 | ........ | 111.01 | 1,473.23 |
| 1,293.00 | 443.00 | 2,191.00 | 804.00 | 545.00 | 857.00 | 964.00 |
| 40.00 | ........ | 2,500.00 | 346.69 | 1,000.00 | ........ | ........ |
| 16,717.16 | 4,599.90 | 35,093.26 | 9,773.79 | 16,557.23 | 20,009.93 | 15,959.95 |
| 2,380.62 | 1,416.42 | 3,194.69 | 415.05 | 1,061.14 | 1,953.49 | 5,478.31 |
| ........ | ........ | ........ | ........ | ........ | ........ | ........ |
| 380 | 112 | 732 | 219 | 161 | 167 | 384 |
| 45 | 32 | 147 | 44 | 36 | 23 | 74 |
| 8 | 2 | 14 | 5 | 3 | 4 | 4 |
| 433 | 146 | 893 | 268 | 200 | 194 | 462 |

## STATEMENT

## Detailed Operating Reports of Electrical Departments of

**NIAGARA SYSTEM—Continued**

| Municipality | Belle River | Blenheim | Blyth | Bolton | Bothwell |
|---|---|---|---|---|---|
| Population | 844 | 1,812 | 652 | 590 | 644 |
| EARNINGS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 5,167.35 | 9,405.49 | 3,753.05 | 4,588.69 | 2,638.99 |
| Commercial light service | 2,588.68 | 8,499.62 | 2,205.04 | 1,990.18 | 2,029.32 |
| Commercial power service | 107.43 | 3,981.22 | 1,073.08 | 2,337.19 | 809.08 |
| Municipal power | 1,518.01 | 1,368.40 | .......... | 129.05 | 139.04 |
| Street lighting | 1,029.00 | 2,548.01 | 1,530.65 | 1,045.75 | 1,187.65 |
| Merchandise | .......... | 227.71 | .......... | .......... | .......... |
| Miscellaneous | 137.09 | 710.00 | 119.70 | 267.50 | 492.65 |
| Total earnings | 10,547.56 | 26,740.45 | 8,681.52 | 10,358.36 | 7,296.73 |
| EXPENSES | | | | | |
| Power purchased | 5,210.32 | 14,182.32 | 4,785.78 | 5,605.89 | 3,895.06 |
| Substation operation | .......... | .......... | .......... | .......... | .......... |
| Substation maintenance | .......... | .......... | .......... | .......... | .......... |
| Distribution system, operation and maintenance | 522.93 | 768.88 | 494.68 | 381.18 | 326.63 |
| Line transformer maintenance | 53.77 | 39.62 | .......... | .......... | .......... |
| Meter maintenance | 169.97 | 382.53 | 156.77 | .......... | 118.31 |
| Consumers' premises expenses | 21.30 | 205.70 | 20.65 | 163.65 | .......... |
| Street lighting, operation and maintenance | 194.17 | 544.75 | 135.22 | 129.31 | 141.21 |
| Promotion of business | .......... | 10.38 | .......... | .......... | .......... |
| Billing and collecting | 735.80 | 2,116.65 | 317.29 | .......... | 271.42 |
| General office, salaries and expenses | 277.78 | 1,508.27 | 142.80 | 719.25 | 196.10 |
| Undistributed expenses | 9.32 | 174.87 | 48.10 | 31.19 | 1.87 |
| Truck operation and maintenance | .......... | .......... | .......... | .......... | .......... |
| Interest | .......... | 402.01 | 2.35 | 84.16 | 75.52 |
| Sinking fund and principal payments on debentures | .......... | 805.62 | .......... | 533.92 | 287.73 |
| Depreciation | 1,037.00 | 2,356.00 | 615.00 | 743.00 | 678.00 |
| Other reserves | 1,100.00 | 1,600.00 | .......... | .......... | .......... |
| Total operating costs and fixed charges | 9,332.36 | 25,097.60 | 6,718.64 | 8,391.55 | 5,991.85 |
| Net surplus | 1,215.20 | 1,642.85 | 1,962.88 | 1,966.81 | 1,304.88 |
| Net loss | .......... | .......... | .......... | .......... | .......... |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service | 264 | 555 | 181 | 186 | 185 |
| Commercial light service | 45 | 136 | 47 | 47 | 53 |
| Power service | 2 | 15 | 4 | 9 | 7 |
| Total | 311 | 706 | 232 | 242 | 245 |

**"B"—Continued**

**Hydro Municipalities for Year Ended December 31, 1942**

| Brampton<br>5,823 | Brantford<br>32,174 | Brantford Twp.<br>V.A. | Bridgeport<br>P.V. | Brigden<br>P.V. | Brussels<br>760 | Burford<br>P.V. |
|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 45,913.12 | 183,220.23 | 28,412.04 | 5,220.34 | 2,330.50 | 4,667.62 | 5,470.66 |
| 20,127.86 | 85,616.00 | 4,508.25 | 1,611.23 | 1,921.22 | 3,143.61 | 1,852.29 |
| 22,108.07 | 300,374.22 | 6,609.38 | 244.85 | 701.23 | 963.89 | 1,466.65 |
| 2,821.27 | 8,133.28 | .......... | .......... | .......... | .......... | .......... |
| 6,526.99 | 32,561.44 | 3,995.14 | 876.00 | 854.03 | 1,269.75 | 654.18 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 136.06 | 6,946.51 | 61.90 | .......... | 135.95 | 339.00 | 217.76 |
| 97,633.37 | 616,851.68 | 43,586.71 | 7,952.42 | 5,942.93 | 10,383.87 | 9,661.54 |
| 65,495.75 | 471,752.85 | 27,609.96 | 4,376.38 | 3,101.87 | 5,301.01 | 6,450.07 |
| .......... | 8,238.02 | .......... | .......... | .......... | .......... | .......... |
| 251.39 | 3,072.55 | .......... | .......... | .......... | .......... | .......... |
| 1,401.93 | 9,545.48 | 1,633.62 | 138.32 | 281.58 | 695.36 | 104.52 |
| 96.09 | 942.00 | 415.98 | 8.26 | 2.40 | 56.00 | .......... |
| 630.03 | 6,560.65 | 1,091.59 | 11.30 | 30.84 | 208.13 | 3.90 |
| 1,923.80 | 5,724.00 | 27.08 | .......... | .......... | .......... | 2.25 |
| 1,372.10 | 3,979.29 | 1,091.57 | 113.57 | 92.83 | 142.33 | 57.60 |
| 35.45 | .......... | .......... | .......... | .......... | .......... | .......... |
| 2,267.50 | 10,520.10 | 1,970.33 | 427.99 | 359.20 | .......... | 461.40 |
| 2.093.10 | 11 254.61 | 2,411.92 | 8.95 | 265.27 | 765.22 | 178.60 |
| 134.95 | 5,704.93 | 293.41 | 6.12 | 10.45 | 10.90 | 11.57 |
| 591.35 | 2,024.30 | 494.41 | .......... | .......... | .......... | .......... |
| 27.68 | 1,903.75 | .......... | 235.67 | .......... | 178.44 | .......... |
| .......... | 9,500.00 | .......... | 898.17 | .......... | 1,578.84 | .......... |
| 6,457.00 | 39,080.00 | 3,452.00 | 648.00 | 530.00 | 845.00 | 625.00 |
| 7,500.00 | 13,500.00 | .......... | .......... | .......... | .......... | .......... |
| 90,278.12 | 603,302.53 | 40,491.87 | 6,872.73 | 4,674.44 | 9,781.23 | 7,894.91 |
| 7,355.25 | 13,549.15 | 3,094.84 | 1,079.69 | 1,268.49 | 602.64 | 1,766.63 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 1,584 | 8,056 | 1,325 | 174 | 124 | 250 | 245 |
| 272 | 1,212 | 56 | 20 | 37 | 69 | 38 |
| 53 | 206 | 7 | 2 | 4 | 4 | 3 |
| 1,909 | 9,474 | 1,388 | 196 | 165 | 323 | 286 |

## STATEMENT

## Detailed Operating Reports of Electrical Departments of

**NIAGARA SYSTEM—Continued**

| Municipality | Burgess-ville | Caledonia | Campbell-ville | Cayuga | Chatham |
|---|---|---|---|---|---|
| Population | P.V. | 1,425 | P.V. | 687 | 17,893 |
| EARNINGS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 1,813.39 | 6,923.18 | 1,511.04 | 3,924.85 | 99,992.49 |
| Commercial light service | 599.23 | 5,431.64 | 785.95 | 3,655.94 | 100,399.07 |
| Commercial power service | 253.38 | 2,270.42 | 196.57 | 893.16 | 88,441.17 |
| Municipal power | .......... | .......... | .......... | .......... | 7,248.74 |
| Street lighting | 315.73 | 1,945.32 | 393.30 | 1,500.15 | 18,811.75 |
| Merchandise | .......... | .......... | .......... | 45.09 | 3,594.82 |
| Miscellaneous | 34.50 | 224.92 | 110.98 | 59.10 | 1,575.41 |
| Total earnings | 3,016.23 | 16,795.48 | 2,997.84 | 10,078.29 | 320,063.45 |
| EXPENSES | | | | | |
| Power purchased | 2,055.68 | 9,810.92 | 1,725.74 | 4,317.24 | 162,537.87 |
| Substation operation | .......... | .......... | .......... | .......... | 5,497.79 |
| Substation maintenance | .......... | .......... | .......... | .......... | 5,834.68 |
| Distribution system, operation and maintenance | 35.60 | 1,213.80 | 11.62 | 440.21 | 9,784.42 |
| Line transformer maintenance | 29.87 | 50.28 | .......... | 64.08 | 1,885.32 |
| Meter maintenance | .......... | 291.25 | 4.23 | 122.90 | 6,882.52 |
| Consumers' premises expenses | .......... | 103.61 | .......... | .......... | 4,449.56 |
| Street lighting, operation and maintenance | 41.86 | 320.45 | 33.41 | 194.60 | 5,137.25 |
| Promotion of business | .......... | 8.48 | .......... | .......... | 4,144.21 |
| Billing and collecting | .......... | 864.55 | .......... | 604.35 | 9,548.38 |
| General office, salaries and expenses | 149.38 | 1,040.62 | 115.29 | 477.48 | 15,198.61 |
| Undistributed expenses | .......... | 144.82 | 5.72 | 87.86 | 9,204.91 |
| Truck operation and maintenance | .......... | 299.67 | .......... | .......... | 2,909.28 |
| Interest | .......... | .......... | 54.29 | 252.75 | 6,568.71 |
| Sinking fund and principal payments on debentures | .......... | .......... | 434.53 | 1,425.25 | 14,532.34 |
| Depreciation | 288.00 | 936.00 | 163.00 | 920.00 | 21,430.00 |
| Other reserves | .......... | .......... | .......... | 50.00 | 15,000.00 |
| Total operating costs and fixed charges | 2,600.39 | 15,084.45 | 2,547.83 | 8,956.72 | 300,815.85 |
| Net surplus | 415.84 | 1,711.03 | 450.01 | 1,121.57 | 19,247.60 |
| Net loss | .......... | .......... | .......... | .......... | .......... |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service | 56 | 447 | 53 | 181 | 4,483 |
| Commercial light service | 16 | 100 | 12 | 66 | 786 |
| Power service | 2 | 10 | 1 | 6 | 105 |
| Total | 74 | 557 | 66 | 253 | 5,374 |

**"B"—Continued**

## Hydro Municipalities for Year Ended December 31, 1942

| Chippawa | Clifford | Clinton | Comber | Cottam | Courtright | Dashwood |
|---|---|---|---|---|---|---|
| 1,320 | 452 | 1,922 | P.V. | P.V. | 341 | P.V. |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 8,658.41 | 2,847.74 | 14,829.37 | 2,258.29 | 2,758.68 | 1,513.26 | 2,191.66 |
| 3,044.86 | 1,733.38 | 8,522.81 | 1,891.23 | 1,736.14 | 743.84 | 1,169.45 |
| 46.67 | 747.88 | 5,008.35 | 2,356.65 | 334.96 | .......... | 1,044.93 |
| 1,156.38 | .......... | 1,334.03 | .......... | .......... | 974.64 | .......... |
| 1,839.06 | 1,014.54 | 2,744.68 | 713.00 | 480.00 | 595.00 | 483.74 |
| .......... | .......... | 368.07 | .......... | .......... | .......... | .......... |
| 233.66 | 93.02 | 660.70 | 276.20 | 242.66 | 187.50 | 149.03 |
| 14,979.04 | 6,436.56 | 33,468.01 | 7,495.37 | 5,552.44 | 4,014.24 | 5,038.81 |
| | | | | | | |
| 6,721.59 | 3,977.00 | 18,980.32 | 4,921.80 | 2,573.40 | 2,070.14 | 2,795.52 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| .......... | .......... | 100.00 | .......... | .......... | .......... | .......... |
| 811.50 | 64.44 | 1,165.16 | 443.91 | 66.72 | 9.36 | 147.04 |
| 139.69 | .......... | 19.75 | 4.50 | .50 | .......... | .......... |
| 523.29 | 179.51 | 271.78 | 157.39 | 23.02 | 153.16 | 18.26 |
| 27.63 | .......... | 381.45 | .......... | .......... | .......... | 6.74 |
| 316.11 | 66.36 | 225.14 | 85.31 | 54.21 | 38.45 | 21.80 |
| 136.70 | .......... | .......... | .......... | .......... | .......... | .......... |
| 569.16 | 411.18 | 841.13 | 213.38 | 424.91 | 195.88 | 198.69 |
| 710.21 | 20.40 | 1,881.55 | 240.97 | 46.50 | 24.05 | 53.95 |
| 212.90 | 10.00 | 61.60 | 7.78 | 10.27 | 5.96 | 3.24 |
| 294.34 | .......... | 219.11 | .......... | .......... | .......... | .......... |
| .......... | 276.01 | .......... | 14.08 | 191.89 | 1.00 | 54.95 |
| .......... | 274.43 | .......... | .......... | 576.24 | .......... | 178.99 |
| 922.00 | 425.00 | 2,746.00 | 623.00 | 519.00 | 290.00 | 317.00 |
| .......... | .......... | 3,500.00 | .......... | .......... | .......... | .......... |
| 11,385.12 | 5,704.33 | 30,392.99 | 6,712.12 | 4,486.66 | 2,788.00 | 3,796.18 |
| 3,593.92 | 732.23 | 3,075.02 | 783.25 | 1,065.78 | 1,226.24 | 1,242.63 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| | | | | | | |
| 352 | 131 | 573 | 115 | 129 | 78 | 99 |
| 46 | 34 | 117 | 45 | 28 | 19 | 27 |
| 2 | 2 | 18 | 4 | 2 | 1 | 2 |
| 400 | 167 | 708 | 164 | 159 | 98 | 128 |

## STATEMENT

## Detailed Operating Reports of Electrical Departments of

**NIAGARA SYSTEM—Continued**

| Municipality | Delaware | Delhi | Dorchester | Drayton | Dresden |
|---|---|---|---|---|---|
| Population | P.V. | 1,908 | P.V. | 526 | 1,529 |
| EARNINGS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 2,037.56 | 11,924.64 | 2,884.77 | 3,445.96 | 7,212.40 |
| Commercial light service | 655.59 | 10,214.35 | 1,055.74 | 1,947.08 | 6,507.55 |
| Commercial power service | .......... | 7,638.68 | 712.14 | 1,276.67 | 3,792.44 |
| Municipal power | .......... | .......... | .......... | .......... | 258.21 |
| Street lighting | 271.43 | 2,508.14 | 723.41 | 960.00 | 2,160.18 |
| Merchandise | .......... | .......... | .......... | .......... | 681.51 |
| Miscellaneous | 46.65 | 723.02 | 129.95 | 237.50 | 383.97 |
| Total earnings | 3,011.23 | 33,008.83 | 5,506.01 | 7,867.21 | 20,996.26 |
| EXPENSES | | | | | |
| Power purchased | 1,760.10 | 14,998.15 | 2,787.14 | 5,505.71 | 11,829.64 |
| Substation operation | .......... | .......... | .......... | .......... | .......... |
| Substation maintenance | .......... | .......... | .......... | .......... | .......... |
| Distribution system, operation and maintenance | 45.73 | 1,592.97 | 119.03 | 111.61 | 1,260.91 |
| Line transformer maintenance | .......... | 258.42 | 1.35 | .......... | 1.21 |
| Meter maintenance | 32.63 | 227.21 | 2.23 | 22.26 | 462.86 |
| Consumers' premises expenses | 8.75 | 615.19 | 62.42 | 18.66 | 158.37 |
| Street lighting, operation and maintenance | 17.90 | 267.09 | 78.79 | 168.81 | 335.36 |
| Promotion of business | 135.13 | 153.18 | .......... | .......... | 2.00 |
| Billing and collecting | 253.11 | 1,731.67 | 197.62 | .......... | 769.41 |
| General office, salaries and expenses | 46.07 | 1,503.21 | 76.33 | 446.82 | 719.28 |
| Undistributed expenses | .......... | 166.89 | .......... | 13.61 | 76.85 |
| Truck operation and maintenance | .......... | 280.30 | .......... | .......... | 427.87 |
| Interest | 35.95 | 2,982.28 | 49.16 | 203.61 | .......... |
| Sinking fund and principal payments on debentures | 224.76 | 3,175.58 | 230.56 | 486.55 | .......... |
| Depreciation | 206.00 | 1,611.00 | 504.00 | 745.00 | 1,002.00 |
| Other reserves | .......... | 1,900.00 | 525.00 | .......... | 2,000.00 |
| Total operating costs and fixed charges | 2,766.13 | 31,463.14 | 4,633.63 | 7,722.64 | 19,045.76 |
| Net surplus | 245.10 | 1,545.69 | 872.38 | 144.57 | 1,950.50 |
| Net loss | .......... | .......... | .......... | .......... | .......... |
| NUMBER OF CONSUMERS | | | | | |
| Domestic Service | 66 | 592 | 148 | 168 | 469 |
| Commercial light service | 15 | 150 | 29 | 61 | 121 |
| Power service | .......... | 8 | 2 | 5 | 11 |
| Total | 81 | 750 | 179 | 234 | 601 |

## "B"—Continued

## Hydro Municipalities for Year Ended December 31, 1942

| Drumbo | Dublin | Dundas | Dunnville | Dutton | East York Twp. | Elmira |
|---|---|---|---|---|---|---|
| P.V. | P.V. | 5,163 | 4,069 | 804 | | 2,048 |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 2,459.19 | 1,262.88 | 27,394.50 | 16,931.84 | 3,123.83 | 241,405.89 | 16,992.15 |
| 1,084.64 | 855.24 | 14,647.45 | 16,330.53 | 2,514.99 | 30,890.41 | 9,636.31 |
| 823.82 | 1,517.53 | 39,511.39 | 16,067.99 | 3,526.72 | 40,372.53 | 9,603.61 |
| ........... | ........... | 514.91 | 2,816.73 | ........... | 4,688.10 | 1,735.37 |
| 618.64 | 530.32 | 5,514.70 | 3,647.70 | 1,006.83 | 23,838.01 | 1,998.67 |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| 122.72 | 39.02 | 787.91 | 1,041.31 | 287.37 | 64.29 | 1,276.80 |
| 5,109.01 | 4,204.99 | 88,370.86 | 56,836.10 | 10,459.74 | 341,259.23 | 41,242.91 |
| | | | | | | |
| 3,615.48 | 2,643.85 | 64,082.06 | 25,750.80 | 7,560.31 | 192,796.46 | 26,248.20 |
| ........... | ........... | 702.35 | 470.62 | ........... | 1,381.12 | ........... |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| 440.60 | 74.35 | 5,858.56 | 2,665.46 | 280.99 | 12,260.29 | 1,334.65 |
| ........... | ........... | 159.14 | 150.27 | 12.56 | 525.50 | 86.67 |
| 263.53 | 94.97 | 1,375.77 | 821.60 | 152.94 | 4,525.45 | 506.82 |
| ........... | 48.86 | 84.25 | ........... | ........... | 6,623.52 | 74.60 |
| 107.17 | 118.68 | 504.51 | 683.94 | 125.15 | 1,953.56 | 353.23 |
| ........... | ........... | ........... | ........... | ........... | 65.00 | ........... |
| 534.79 | ........... | 1,362.46 | 1,070.55 | 458.30 | 15,420.78 | 860.80 |
| 30.66 | 331.11 | 2,347.16 | 1,520.35 | 189.23 | 14,426.11 | 1,146.40 |
| 1.22 | 8.00 | 688.45 | 216.13 | ........... | 959.24 | 184.19 |
| ........... | ........... | 1,011.88 | 194.09 | ........... | ........... | 252.93 |
| 39.85 | ........... | 750.99 | 1,420.75 | ........... | 7,345.08 | 446.04 |
| 252.88 | ........... | 2,040.01 | 4,140.17 | ........... | 22,051.17 | 2,069.02 |
| 402.00 | 396.30 | 5,799.00 | 4,511.00 | 771.00 | 18,820.00 | 2,891.00 |
| ........... | ........... | 50.00 | 6,500.00 | ........... | ........... | 2,500.00 |
| 5,688.18 | 3,716.12 | 86,816.59 | 50,115.73 | 9,550.48 | 299,153.28 | 38,954.55 |
| ........... | 488.87 | 1,554.27 | 6,720.37 | 909.26 | 42,105.95 | 2,288.36 |
| 579.17 | ........... | ........... | ........... | ........... | ........... | ........... |
| | | | | | | |
| 85 | 57 | 1,372 | 1,026 | 226 | 11,108 | 549 |
| 26 | 27 | 190 | 210 | 66 | 489 | 120 |
| 1 | 2 | 37 | 28 | 11 | 41 | 24 |
| 112 | 86 | 1,599 | 1,264 | 303 | 11,638 | 693 |

## STATEMENT

## Detailed Operating Reports of Electrical Departments of

**NIAGARA SYSTEM—Continued**

| Municipality | Elora | Embro | Erieau | Erie Beach | Essex |
|---|---|---|---|---|---|
| Population | 1,208 | 420 | *243 | †24 | 1,952 |
| **Earnings** | $ c. | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 8,559.41 | 3,369.35 | 4,224.42 | 1,623.19 | 8,664.84 |
| Commercial light service | 4,626.46 | 1,235.29 | 1,611.75 | 210.69 | 8,412.55 |
| Commercial power service | 4,624.42 | 763.45 | 584.35 | | 7,440.72 |
| Municipal power | | | | | 1,399.75 |
| Street lighting | 1,324.20 | 621.12 | 495.00 | | 2,355.65 |
| Merchandise | 54.62 | | | | |
| Miscellaneous | 439.52 | 87.59 | | | 814.94 |
| Total earnings | 19,628.63 | 6,076.80 | 6,915.52 | 1,833.88 | 29,088.45 |
| **Expenses** | | | | | |
| Power purchased | 13,634.66 | 3,958.63 | 4,662.53 | 820.32 | 16,308.03 |
| Substation operation | | | | | |
| Substation maintenance | | | | | |
| Distribution system, operation and maintenance | 1,324.71 | 127.43 | 160.18 | 16.78 | 777.12 |
| Line transformer maintenance | | | 50.74 | 25.46 | 24.70 |
| Meter maintenance | 107.24 | 16.91 | 59.74 | 28.77 | 611.93 |
| Consumers' premises expenses | | 20.00 | 18.86 | | 36.82 |
| Street lighting, operation and maintenance | 317.88 | 231.98 | 85.44 | | 424.12 |
| Promotion of business | | | | | 110.50 |
| Billing and collecting | 878.96 | 347.00 | 505.96 | 155.79 | 1,293.57 |
| General office, salaries and expenses | 584.25 | 85.80 | 443.31 | 208.75 | 2,011.52 |
| Undistributed expenses | 183.04 | | 22.40 | 0.50 | 326.15 |
| Truck operation and maintenance | 324.50 | | | | 381.94 |
| Interest | | | 71.84 | 51.53 | 776.28 |
| Sinking fund and principal payments on debentures | | | 549.02 | 236.17 | 771.83 |
| Depreciation | 1,441.00 | 623.00 | 552.00 | 119.00 | 2,471.00 |
| Other reserves | | | | | 1,500.00 |
| Total operating costs and fixed charges | 18,796.24 | 5,410.75 | 7,182.02 | 1,663.07 | 27,825.51 |
| Net surplus | 832.39 | 666.05 | | 170.81 | 1,262.94 |
| Net loss | | | 266.50 | | |
| **Number of Consumers** | | | | | |
| Domestic service | 357 | 119 | 190 | 83 | 516 |
| Commercial light service | 68 | 36 | 15 | 3 | 127 |
| Power service | 4 | 2 | 2 | | 20 |
| Total | 429 | 157 | 207 | 86 | 663 |

*Summer population 993. †Summer Population 324.

## "B"—Continued

## Hydro Municipalities for Year Ended December 31, 1942

| Etobicoke Twp. V.A. | Exeter 1,582 | Fergus 2,787 | Fonthill 919 | Forest 1,569 | Forest Hill 12,779 | Galt 14,858 |
|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 191,834.22 | 13,426.90 | 21,327.71 | 6,093.58 | 13,073.65 | 209,326.15 | 115,080.24 |
| 30,092.12 | 7,386.74 | 9,495.26 | 1,976.39 | 7,273.28 | 26,761.60 | 58,014.26 |
| 31,697.38 | 3,603.72 | 24,139.42 | 267.64 | 4,024.86 | 2,835.70 | 157,676.10 |
| 6,435.07 | 497.61 | 669.49 | 226.03 | 1,169.01 | 554.56 | 4,432.42 |
| 13,956.98 | 2,781.89 | 2,408.58 | 1,339.00 | 2,430.90 | 8,733.51 | 15,024.58 |
| ........... | 394.82 | ........... | ........... | 219.02 | ........... | 535.31 |
| 585.93 | 971.67 | 120.00 | 51.37 | 728.70 | 3,968.23 | 4,000.34 |
| 274,601.70 | 29,063.35 | 58,160.46 | 9,954.01 | 28,919.42 | 252,179.75 | 354,763.25 |
| 171,056.76 | 17,498.13 | 37,632.63 | 4,822.97 | 17,392.10 | 148,345.92 | 268,293.06 |
| ........... | ........... | ........... | ........... | ........... | ........... | 5,747.19 |
| ........... | ........... | ........... | ........... | ........... | 598.59 | 16.10 |
| 10,874.15 | 1,273.83 | 1,719.58 | 551.09 | 1,942.70 | 8,527.85 | 4,519.33 |
| 494.84 | 154.68 | 399.10 | 101.38 | ........... | 431.91 | 354.34 |
| 2,259.83 | 207.58 | 662.26 | 130.92 | 220.42 | 1,611.86 | 1,898.46 |
| 10,571.75 | 185.12 | 24.72 | 9.75 | 646.08 | 5,662.89 | 1,452.07 |
| 610.15 | 517.05 | 383.20 | 161.62 | 268.99 | 307.73 | 2,159.36 |
| ........... | ........... | 1.90 | ........... | 24.42 | ........... | 2,374.06 |
| 9,137.41 | 1,239.72 | 1,273.45 | 713.55 | 945.59 | 5,728.18 | 4,450.76 |
| 6,255.50 | 1,679.11 | 1,084.05 | 232.04 | 1,149.30 | 6,718.78 | 6,965.78 |
| 3,025.72 | 47.12 | 247.42 | 10.20 | 260.89 | 812.24 | 3,307.66 |
| 1,726.21 | 134.95 | 460.17 | ........... | 79.95 | 630.25 | 448.26 |
| 5,327.13 | ........... | 409.30 | 357.21 | 139.74 | 11,033.50 | 1,049.62 |
| 14,528.68 | ........... | 1,656.07 | 1,280.52 | 1,236.37 | 14,786.71 | 9,761.51 |
| 16,662.00 | 2,051.00 | 2,176.93 | 681.00 | 1,948.00 | 14,044.00 | 30,825.00 |
| 10,000.00 | 2,000.00 | 5,000.00 | ........... | 1,300.00 | ........... | 5,500.00 |
| 262,530.13 | 26,988.29 | 53,130.78 | 9,052.25 | 27,554.55 | 219,240.41 | 349,122.56 |
| 12,071.57 | 2,075.06 | 5,029.68 | 901.76 | 1,364.87 | 32,939.34 | 5,640.69 |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| 5,521 | 525 | 772 | 287 | 485 | 3,387 | 4,168 |
| 290 | 119 | 118 | 34 | 130 | 254 | 497 |
| 41 | 14 | 13 | 3 | 19 | 25 | 115 |
| 5,852 | 658 | 903 | 324 | 634 | 3,666 | 4,780 |

## STATEMENT

### Detailed Operating Reports of Electrical Departments of

**NIAGARA SYSTEM—Continued**

| Municipality | Georgetown | Glencoe | Goderich | Granton | Grimsby |
|---|---|---|---|---|---|
| Population | 2,498 | 764 | 4,886 | P.V. | *1,992 |
| EARNINGS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 20,977.74 | 4,864.90 | 35,244.93 | 2,126.04 | 16,071.82 |
| Commercial light service | 8,464.17 | 4,217.45 | 18,383.41 | 1,144.49 | 12,399.75 |
| Commercial power service | 31,790.53 | 1,639.35 | 15,438.02 | .......... | 9,799.39 |
| Municipal power | 660.25 | 1,916.40 | 3,120.44 | .......... | 2,203.65 |
| Street lighting | 2,871.64 | 1,848.90 | 4,383.53 | 359.06 | 3,130.25 |
| Merchandise | .......... | 96.71 | 317.20 | .......... | .......... |
| Miscellaneous | 714.91 | 255.85 | 964.67 | 95.59 | 379.78 |
| Total earnings | 65,479.24 | 14,839.56 | 77,852.20 | 3,725.18 | 43,984.64 |
| EXPENSES | | | | | |
| Power purchased | 47,488.40 | 7,740.36 | 46,760.85 | 2,214.05 | 19,480.08 |
| Substation operation | .......... | .......... | 1,760.37 | .......... | .......... |
| Substation maintenance | .......... | .......... | .......... | .......... | .......... |
| Distribution system, operation and maintenance | 1,526.73 | 1,543.80 | 2,663.91 | 182.89 | 1,082.73 |
| Line transformer maintenance | 359.56 | 8.52 | 600.01 | .......... | .......... |
| Meter maintenance | 1,032.91 | 218.82 | 813.00 | 27.56 | 82.12 |
| Consumers' premises expenses | 295.16 | .......... | 265.38 | 1.18 | .......... |
| Street lighting, operation and maintenance | 459.21 | 116.56 | 477.79 | 41.15 | 286.95 |
| Promotion of business | .......... | .......... | .......... | .......... | .......... |
| Billing and collecting | 1,929.10 | 691.28 | 2,184.42 | 294.02 | 2,273.02 |
| General office, salaries and expenses | 1,154.92 | 697.56 | 1,688.85 | 115.06 | 1,950.59 |
| Undistributed expenses | 173.16 | 181.56 | 161.83 | 4.00 | .......... |
| Truck operation and maintenance | 478.88 | .......... | 407.57 | .......... | .......... |
| Interest | 159.83 | .......... | 1,442.72 | 52.92 | 3,413.76 |
| Sinking fund and principal payments on debentures | 1,293.15 | .......... | 3,490.67 | 201.35 | 2,866.00 |
| Depreciation | 2,658.00 | 1,403.00 | 7,430.00 | 312.00 | 1,777.00 |
| Other reserves | .......... | 500.00 | .......... | .......... | .......... |
| Total operating costs and fixed charges | 59,009.01 | 13,101.46 | 70,147.37 | 3,446.18 | 33,212.25 |
| Net surplus | 6,470.23 | 1,738.10 | 7,704.83 | 279.00 | 10,772.39 |
| Net loss | .......... | .......... | .......... | .......... | .......... |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service | 815 | 224 | 1,324 | 78 | 624 |
| Commercial light service | 129 | 79 | 246 | 29 | 119 |
| Power service | 28 | 9 | 20 | .......... | 16 |
| Total | 972 | 312 | 1,590 | 107 | 759 |

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*11 months' operation.

## "B"—Continued

## Hydro Municipalities for Year Ended December 31, 1942

| Guelph | Hagersville | Hamilton | Harriston | Harrow | Hensall | Hespeler |
|---|---|---|---|---|---|---|
| 22,685 | 1,429 | 160,813 | 1,287 | 1,086 | 680 | 2,967 |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 118,637.67 | 7,546.79 | 956,015.83 | 7,654.87 | 10,852.37 | 4,597.12 | 18,721.41 |
| 58,572.57 | 6,480.30 | 513,723.17 | 5,028.11 | 5,323.08 | 2,422.56 | 5,089.03 |
| 127,646.95 | 19,021.49 | 2,821,612.30 | 5,812.21 | 3,740.60 | 3,015.10 | 57,097.67 |
| 13,825.25 | ........... | 83,060.45 | 372.73 | ........... | ........... | 1,023.61 |
| 19,209.30 | 2,140.70 | 110,599.48 | 1,555.32 | 1,367.26 | 982.03 | 3,203.59 |
| ........... | ........... | ........... | 9.51 | 123.36 | ........... | ........... |
| 1,314.25 | 1,084.29 | 85,464.11 | 282.88 | 15.00 | 300.60 | 604.28 |
| 339,205.99 | 36,273.57 | 4,570,475.34 | 20,715.63 | 21,421.67 | 11,317.41 | 85,739.59 |
| 261,320.96 | 26,527.69 | 3,333,416.11 | 14,828.02 | 15,492.90 | 6,244.55 | 68,526.12 |
| ........... | ........... | 73,559.80 | ........... | ........... | ........... | ........... |
| 2,989.72 | ........... | 11,978.99 | ........... | ........... | ........... | 47.83 |
| 7,974.31 | 2,131.22 | 40,478.47 | 1,402.93 | 489.07 | 686.24 | 3,698.53 |
| 1,598.09 | 101.19 | 7,163.63 | ........... | 39.98 | ........... | 60.45 |
| 4,271.61 | 403.61 | 33,986.00 | 165.24 | 312.08 | 22.75 | 183.46 |
| 151.32 | 34.35 | 50,480.55 | 221.37 | 321.13 | 12.92 | 677.15 |
| 6,058.90 | 392.48 | 18,141.13 | 233.04 | 422.03 | 202.61 | 309.31 |
| 90.38 | ........... | 17,186.31 | ........... | 27.00 | ........... | 18.50 |
| 6,308.35 | 704.70 | 71,943.50 | 830.46 | 1,064.10 | 315.47 | 1,149.87 |
| 10,312.45 | 607.19 | 56,553.86 | 344.66 | 518.85 | 280.21 | 1,526.78 |
| 3,269.24 | 58.13 | 32,791.39 | 102.04 | 40.57 | 20.08 | 637.78 |
| ........... | 334.81 | ........... | 92.59 | ........... | ........... | 219.58 |
| ........... | 36.29 | 55,801.23 | 216.60 | ........... | 166.45 | 849.07 |
| ........... | 354.02 | 278,679.10 | 803.61 | ........... | 526.05 | 2,883.19 |
| 21,056.00 | 1,514.00 | 163,510.57 | 1,373.00 | 1,222.00 | 905.00 | 3,586.00 |
| ........... | 1,500.00 | ........... | ........... | ........... | ........... | ........... |
| 325,401.33 | 34,699.68 | 4,245,670.64 | 20,613.56 | 19,949.71 | 9,382.33 | 84,373.62 |
| 13,804.66 | 1,573.89 | 324,804.70 | 102.07 | 1,471.96 | 1,935.08 | 1,365.97 |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| 5,611 | 408 | 41,466 | 388 | 332 | 217 | 824 |
| 793 | 112 | 5,236 | 104 | 90 | 60 | 85 |
| 134 | 14 | 1,322 | 11 | 7 | 14 | 28 |
| 6,538 | 534 | 48,024 | 503 | 429 | 291 | 937 |

## STATEMENT

### Detailed Operating Reports of Electrical Departments of

**NIAGARA SYSTEM—Continued**

| Municipality | Highgate | Humberstone | Ingersoll | Jarvis | Kingsville |
|---|---|---|---|---|---|
| Population | 312 | 2,896 | 5,616 | | 2,367 |
| EARNINGS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 1,683.02 | 11,561.37 | 33,205.13 | 3,021.96 | 14,745.37 |
| Commercial light service | 791.50 | 3,761.60 | 17,861.94 | 2,189.22 | 8,842.46 |
| Commercial power service | 1,231.00 | 5,561.27 | 43,437.84 | 3,594.25 | 5,003.17 |
| Municipal power | 29.58 | .......... | 1,674.59 | .......... | 1,127.84 |
| Street lighting | 562.23 | 1,653.68 | 4,749.54 | 838.49 | 2,809.09 |
| Merchandise | .......... | .......... | 234.66 | .......... | .......... |
| Miscellaneous | 133.98 | 780.40 | .......... | 332.98 | 1,274.07 |
| Total earnings | 4,431.31 | 23,318.32 | 101,163.70 | 9,976.90 | 33,802.00 |
| EXPENSES | | | | | |
| Power purchased | 2,935.19 | 12,821.15 | 78,224.06 | 6,952.75 | 17,780.30 |
| Substation operation | .......... | .......... | 183.43 | .......... | .......... |
| Substation maintenance | .......... | .......... | .......... | .......... | .......... |
| Distribution system, operation and maintenance | 8.63 | 1,403.25 | 3,235.82 | 107.28 | 1,936.13 |
| Line transformer maintenance | .......... | 66.25 | 252.73 | .......... | 39.86 |
| Meter maintenance | 142.84 | 418.75 | 867.54 | 97.40 | 606.82 |
| Consumers' premises expenses | .......... | .......... | 1,029.01 | .......... | 52.44 |
| Street lighting, operation and maintenance | 55.29 | 176.63 | 1,188.29 | 15.30 | 420.05 |
| Promotion of business | .......... | .......... | 643.00 | .......... | 19.76 |
| Billing and collecting | 300.45 | 1,021.97 | 1,582.02 | 541.23 | 2,009.91 |
| General office, salaries and expenses | 151.35 | 465.37 | 4,656.37 | 64.22 | 1,544.96 |
| Undistributed expenses | 11.27 | 28.05 | 809.11 | 7.77 | 494.78 |
| Truck operation and maintenance | .......... | 161.48 | 354.83 | .......... | 183.34 |
| Interest | .......... | 365.74 | 57.36 | 90.75 | 1,292.68 |
| Sinking fund and principal payments on debentures | .......... | 2,000.00 | .......... | 789.40 | 1,141.03 |
| Depreciation | 512.00 | 1,268.00 | 5,078.00 | 582.00 | 2,711.00 |
| Other reserves | .......... | 1,500.00 | 1,700.00 | .......... | .......... |
| Total operating costs and fixed charges | 4,117.02 | 21,696.64 | 99,861.57 | 9,248.10 | 30,233.06 |
| Net surplus | 314.29 | 1,621.68 | 1,302.13 | 728.80 | 3,568.94 |
| Net loss | .......... | .......... | .......... | .......... | .......... |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service | 104 | 715 | 1,503 | 159 | 632 |
| Commercial light service | 35 | 79 | 224 | 41 | 157 |
| Power service | 6 | 11 | 44 | 3 | 20 |
| Total | 145 | 805 | 1,771 | 203 | 809 |

**"B"—Continued**

**Hydro Municipalities for Year Ended December 31, 1942**

| Kitchener<br>34,734 | Lambeth<br>P.V. | La Salle<br>1,010 | Leamington<br>5,534 | Listowel<br>3,002 | London<br>76,086 |
|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 242,443.09 | 3,385.59 | 8,548.33 | 28,529.26 | 17,639.60 | 576,855.00 |
| 141,995.57 | 1,226.02 | 1,252.65 | 18,811.14 | 12,966.94 | 227,754.20 |
| 378,911.28 | 218.27 | 177.50 | 19,048.68 | 18,246.89 | 439,760.70 |
| 28,636.80 | 425.11 | | 2,038.90 | 1,077.65 | 90,062.77 |
| 32,085.37 | 745.27 | 804.00 | 5,864.21 | 4,520.67 | 55,001.89 |
| | | | | 75.73 | 1,636.70 |
| 4,744.96 | 60.97 | 118.42 | 1,336.11 | 690.56 | 36,697.48 |
| 828,817.07 | 6,061.23 | 10,900.90 | 75,628.30 | 55,218.04 | 1,427,768.74 |
| 603,723.34 | 4,055.99 | 7,083.26 | 50,769.99 | 39,298.15 | 899,234.52 |
| 13,645.47 | | | | | 13,589.91 |
| 4,029.60 | | | | 212.05 | 21,468.32 |
| 15,945.11 | 166.41 | 282.59 | 2,912.98 | 2,470.82 | 13,561.94 |
| 2,096.44 | | 8.90 | 6.17 | 359.84 | 4,285.42 |
| 7,167.49 | 149.93 | 295.89 | 903.24 | 515.93 | 23,176.01 |
| 2,780.24 | | 150.48 | 28.07 | 243.59 | 4,669.80 |
| 8,990.27 | 91.09 | 87.90 | 807.97 | 683.11 | 10,165.60 |
| 147.62 | | | 52.90 | 2.30 | 8,024.07 |
| 13,078.59 | 317.82 | 466.80 | 1,838.24 | 1,239.39 | 26,649.52 |
| 13,708.88 | 50.60 | 163.98 | 3,583.24 | 1,032.40 | 38,572.14 |
| 6,460.62 | | 16.04 | 782.49 | 134.51 | 31,440.18 |
| | | | 486.75 | 321.14 | 5,366.23 |
| 6,362.66 | | 280.96 | | | 17,851.01 |
| 37,884.19 | | 1,070.40 | | | 28,273.40 |
| 49,412.00 | 539.00 | 1,228.00 | 5,006.00 | 3,906.00 | 131,998.52 |
| | 200.00 | | 4,200.00 | 2,500.00 | 75,000.00 |
| 785,432.52 | 5,570.84 | 11,135.20 | 71,378.04 | 52,919.23 | 1,353,326.59 |
| 43,384.55 | 490.39 | | 4,250.26 | 2,298.81 | 74,442.15 |
| | | 234.30 | | | |
| 8,426 | 136 | 242 | 1,627 | 795 | 18,988 |
| 1,077 | 21 | 12 | 272 | 157 | 1,933 |
| 263 | 3 | 2 | 33 | 23 | 452 |
| 9,766 | 160 | 256 | 1,932 | 975 | 21,373 |

## STATEMENT

## Detailed Operating Reports of Electrical Departments of

**NIAGARA SYSTEM—Continued**

| Municipality<br>Population | London Twp.<br>V.A. | Long Branch<br>4,600 | Lucan<br>621 | Lynden<br>P.V. | Markham<br>1,126 |
|---|---|---|---|---|---|
| EARNINGS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 15,015.07 | 34,788.69 | 4,702.25 | 2,823.71 | 8,194.55 |
| Commercial light service | 1,994.22 | 6,674.31 | 2,358.93 | 769.18 | 3,086.99 |
| Commercial power service | 1,747.19 | 4,397.77 | 1,322.86 | 822.61 | 2,727.48 |
| Municipal power | .......... | 1,223.12 | .......... | .......... | 349.03 |
| Street lighting | 1,143.50 | 4,371.31 | 1,436.08 | 434.98 | 1,648.38 |
| Merchandise | .......... | .......... | .......... | .......... | .......... |
| Miscellaneous | 252.83 | 203.50 | 222.05 | 38.77 | 421.93 |
| Total earnings | 20,152.81 | 51,658.70 | 10,042.17 | 4,889.25 | 16,428.36 |
| EXPENSES | | | | | |
| Power purchased | 13,037.75 | 28,149.35 | 4,905.33 | 3,124.40 | 9,468.99 |
| Substation operation | .......... | .......... | .......... | .......... | .......... |
| Substation maintenance | .......... | .......... | .......... | .......... | .......... |
| Distribution system, operation and maintenance | 549.18 | 2,971.06 | 360.39 | 76.31 | 867.34 |
| Line transformer maintenance | .......... | 136.09 | .......... | 14.57 | 28.60 |
| Meter maintenance | 26.50 | 472.22 | 259.68 | .......... | 51.35 |
| Consumers' premises expenses | 312.77 | 500.54 | 123.10 | .......... | 118.39 |
| Street lighting, operation and maintenance | 306.21 | 368.88 | 169.18 | 28.87 | 195.47 |
| Promotion of business | .......... | .......... | 1.18 | .......... | 4.00 |
| Billing and collecting | 735.50 | 3,227.97 | 549.51 | .......... | 999.38 |
| General office, salaries and expenses | 479.50 | 2,245.08 | 486.61 | 216.48 | 19.53 |
| Undistributed expenses | 4.91 | 944.60 | 18.27 | 29.25 | 20.98 |
| Truck operation and maintenance | .......... | .......... | .......... | .......... | 233.65 |
| Interest | 395.24 | 246.86 | 97.17 | 59.62 | .......... |
| Sinking fund and principal payments on debentures | 822.83 | 2,243.07 | 401.38 | 249.66 | .......... |
| Depreciation | 1,250.00 | 3,092.00 | 836.00 | 366.00 | 1,087.00 |
| Other reserves | .......... | 4,000.00 | .......... | .......... | 1,500.00 |
| Total operating costs and fixed charges | 17,920.39 | 48,597.72 | 8,207.80 | 4,165.16 | 14,594.68 |
| Net surplus | 2,232.42 | 3,060.98 | 1,834.37 | 724.09 | 1,833.68 |
| Net loss | .......... | .......... | .......... | .......... | .......... |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service | 478 | 1,533 | 170 | 102 | 337 |
| Commercial light service | 20 | 102 | 49 | 17 | 71 |
| Power service | 5 | 9 | 6 | 2 | 9 |
| Total | 503 | 1,644 | 225 | 121 | 417 |

### "B"—Continued

### Hydro Municipalities for Year Ended December 31, 1942

| Merlin<br>P.V. | Merritton | Milton<br>1,922 | Milverton<br>995 | Mimico<br>7,641 | Mitchell<br>1,678 | Moorefield<br>P.V. |
|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 2,519.21 | 17,682.93 | 13,906.11 | 5,425.93 | 64,161.00 | 13,041.52 | 1,090.85 |
| 2,186.24 | 4,190.68 | 7,167.47 | 4,529.07 | 11,141.38 | 6,285.38 | 1,527.99 |
| 855.46 | 192,197.42 | 26,726.78 | 3,254.59 | 6,801.64 | 5,401.83 | 46.43 |
| ........... | 1,927.86 | ........... | 513.02 | 8,761.90 | 1,151.81 | ........... |
| 701.88 | 3,360.86 | 2,199.09 | 1,022.70 | 7,880.63 | 2,610.89 | 350.00 |
| ........... | ........... | 316.94 | ........... | ........... | 1,674.59 | ........... |
| 435.07 | 634.68 | 1,355.43 | 195.60 | 1,561.39 | 554.59 | 62.57 |
| 6,697.86 | 219,994.43 | 51,671.82 | 14,940.91 | 100,307.94 | 30,720.61 | 3,077.84 |
| 2,900.08 | 180,860.19 | 31,973.74 | 9,675.25 | 55,934.61 | 19,702.20 | 1,791.42 |
| ........... | 332.82 | ........... | ........... | ........... | ........... | ........... |
| ........... | ........... | 439.69 | ........... | 421.50 | 437.37 | ........... |
| 482.68 | 2,879.85 | 2,964.91 | 781.13 | 7,769.29 | 657.06 | 18.65 |
| ........... | 30.06 | 38.86 | ........... | 211.35 | 119.23 | ........... |
| 125.91 | 640.97 | 479.02 | 131.71 | 1,201.45 | 387.08 | 34.50 |
| 110.01 | 34.20 | 208.07 | 4.20 | 1,877.98 | 456.77 | ........... |
| 172.72 | 596.68 | 169.68 | 330.61 | 898.70 | 441.11 | 30.15 |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| 301.23 | 2,235.77 | 776.49 | 777.40 | 3,475.60 | 982.72 | ........... |
| 290.14 | 2,232.73 | 1,191.01 | 372.03 | 1,504.46 | 1,422.77 | 169.89 |
| 1.75 | 248.76 | 115.33 | 32.38 | 346.16 | 603.44 | ........... |
| ........... | 289.95 | 299.97 | ........... | 457.42 | 653.23 | ........... |
| 41.97 | 255.31 | 107.15 | 12.88 | 1,899.58 | 20.11 | ........... |
| 699.53 | 2,434.59 | 1,133.15 | ........... | 7,069.91 | ........... | ........... |
| 519.00 | 4,553.00 | 2,831.00 | 882.00 | 7,449.00 | 3,715.00 | 269.00 |
| ........... | 12,000.00 | 4,500.00 | ........... | 4,500.00 | ........... | ........... |
| 5,645.02 | 209,624.88 | 47,228.07 | 12,999.59 | 95,017.01 | 29,598.09 | 2,313.61 |
| 1,052.84 | 10,369.55 | 4,443.75 | 1,941.32 | 5,290.93 | 1,122.52 | 764.23 |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| 126 | 856 | 540 | 257 | 2,155 | 511 | 57 |
| 50 | 61 | 102 | 74 | 144 | 128 | 25 |
| 3 | 16 | 17 | 10 | 23 | 22 | 1 |
| 179 | 933 | 659 | 341 | 2,322 | 661 | 83 |

## STATEMENT

## Detailed Operating Reports of Electrical Departments of

**NIAGARA SYSTEM—Continued**

| Municipality<br>Population | Mount Brydges | Newbury<br>245 | New Hamburg<br>1,438 | New Toronto<br>7,855 | Niagara Falls<br>19,726 |
|---|---|---|---|---|---|
| EARNINGS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 2,961.13 | 1,208.61 | 10,782.05 | 42,963.44 | 137,773.20 |
| Commercial light service | 988.28 | 552.10 | 4,724.25 | 21,013.53 | 73,733.75 |
| Commercial power service | 1,037.78 | 197.30 | 7,891.11 | 254,798.61 | 95,045.66 |
| Municipal power | | | | 14,191.73 | 14,347.34 |
| Street lighting | 819.27 | 696.80 | 2,040.00 | 7,560.24 | 26,241.24 |
| Merchandise | | | 109.05 | | |
| Miscellaneous | 311.78 | 61.58 | 355.45 | 2,975.61 | 3,513.32 |
| Total earnings | 6,118.24 | 2,716.39 | 25,901.91 | 343,503.16 | 350,654.51 |
| EXPENSES | | | | | |
| Power purchased | 2,934.16 | 1,012.51 | 16,528.37 | 288,106.15 | 184,930.10 |
| Substation operation | | | 261.49 | | 11,638.55 |
| Substation maintenance | | | | | |
| Distribution system, operation and maintenance | 106.33 | 118.49 | 1,569.69 | 6,860.67 | 10,388.64 |
| Line transformer maintenance | | | 135.00 | 122.58 | 296.10 |
| Meter maintenance | 114.77 | 9.95 | 359.47 | 2,078.21 | 6,684.04 |
| Consumers premises expenses | | | 186.63 | 32.99 | 3,105.44 |
| Street lighting, operation and maintenance | 19.58 | 54.19 | 341.70 | 947.87 | 1,675.91 |
| Promotion of business | | | | | |
| Billing and collecting | 258.67 | 74.86 | 696.56 | 3,185.04 | 8,976.99 |
| General office, salaries and expenses | 125.14 | 156.82 | 1,063.27 | 7,912.82 | 10,178.44 |
| Undistributed expenses | | | 331.53 | 1,329.14 | 5,046.28 |
| Truck operation and maintenance | | | 349.95 | 775.16 | 1,905.12 |
| Interest | 43.09 | | | 48.38 | 5,393.83 |
| Sinking fund and principal payments on debentures | 247.28 | | | 472.03 | 24,359.54 |
| Depreciation | 469.00 | 420.00 | 1,758.00 | 7,922.00 | 31,973.00 |
| Other reserves | | | 1,600.00 | 12,000.00 | 225.00 |
| Total operating costs and fixed charges | 4,318.02 | 1,846.82 | 25,181.66 | 331,793.04 | 306,776.98 |
| Net surplus | 1,800.22 | 869.57 | 720.25 | 11,710.12 | 43,877.53 |
| Net loss | | | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service | 156 | 62 | 367 | 1,951 | 4,879 |
| Commercial light service | 35 | 18 | 94 | 228 | 756 |
| Power service | 5 | 1 | 13 | 39 | 102 |
| Total | 196 | 81 | 474 | 2,218 | 5,737 |

**"B"—Continued**

## Hydro Municipalities for Year Ended December 31, 1942

| Niagara-on-the-Lake 2,019 | North York Twp. | Norwich 1,297 | Oil Springs 506 | Otterville P.V. | Palmerston 1,419 | Paris 4,604 |
|---:|---:|---:|---:|---:|---:|---:|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 17,213.82 | 233,812.65 | 8,899.36 | 1,882.15 | 2,534.24 | 10,813.41 | 25,692.20 |
| 7,765.07 | 52,654.69 | 4,846.55 | 1,338.51 | 1,912.43 | 5,090.18 | 9,127.60 |
| 3,949.73 | 94,931.84 | 1,408.33 | 5,759.04 | 464.45 | 6,103.81 | 23,361.55 |
| 1,456.55 | 6,233.12 | 497.97 | ........... | 76.30 | 762.16 | 1,105.13 |
| 3,638.14 | 5,502.89 | 2,153.23 | 639.81 | 868.12 | 2,559.99 | 5,503.00 |
| 190.81 | ........... | 835.15 | ........... | ........... | 187.52 | |
| 316.46 | 980.27 | 233.74 | 389.85 | 79.07 | 160.00 | 1,346.88 |
| 34,530.58 | 394,115.46 | 18,874.33 | 10,009.36 | 5,934.61 | 25,677.07 | 66,136.36 |
| | | | | | | |
| 17,896.69 | 219,222.87 | 12,001.15 | 6,350.22 | 3,292.64 | 17,963.91 | 43,484.66 |
| ........... | 557.74 | ........... | ........... | ........... | ........... | 976.85 |
| 248.66 | ........... | ........... | ........... | ........... | 335.05 | ........... |
| 2,080.06 | 19,943.70 | 1,578.05 | 452.10 | 212.48 | 376.55 | 3,728.84 |
| 146.03 | 2,948.12 | 77.26 | 27.34 | ........... | 188.48 | 418.69 |
| 976.11 | 3,944.53 | 247.10 | 335.53 | 10.65 | 291.98 | 1,031.41 |
| 297.62 | 2,952.03 | 266.25 | 18.77 | ........... | 980.64 | 195.80 |
| 589.44 | 1,202.36 | 223.49 | 114.54 | 104.87 | 288.26 | 1,363.60 |
| ........... | ........... | ........... | 40.02 | ........... | ........... | ........... |
| 1,641.48 | 10,517.26 | 667.62 | 607.52 | 349.30 | 860.69 | 1,656.57 |
| 1,381.88 | 8,279.70 | 777.38 | 244.42 | 307.68 | 506.36 | 1,250.13 |
| 213.44 | 2,746.46 | 74.48 | 41.50 | 1.51 | 41.43 | 132.56 |
| 645.37 | 6,166.92 | 173.06 | ........... | ........... | 199.55 | 628.70 |
| 753.68 | 13,755.53 | 20.61 | ........... | ........... | 27.69 | 127.47 |
| 1,556.07 | 31,936.81 | 356.61 | ........... | ........... | 426.09 | 1,127.73 |
| 2,600.00 | 20,919.00 | 1,205.00 | 1,046.00 | 644.00 | 1,695.00 | 6,661.00 |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| 31,026.53 | 345,093.03 | 17,668.06 | 9,277.96 | 4,923.13 | 24,181.68 | 62,784.01 |
| 3,504.05 | 49,022.43 | 1,206.27 | 731.40 | 1,011.48 | 1,495.39 | 3,352.35 |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| | | | | | | |
| 600 | 6,415 | 386 | 104 | 140 | 397 | 1,208 |
| 104 | 308 | 89 | 32 | 45 | 102 | 192 |
| 12 | 47 | 9 | 32 | 4 | 14 | 25 |
| 716 | 6,770 | 484 | 168 | 189 | 513 | 1,425 |

## STATEMENT

### Detailed Operating Reports of Electrical Departments of

**NIAGARA SYSTEM—Continued**

| Municipality<br>Population | Parkhill<br>907 | Petrolia<br>2,681 | Platts-ville<br>P.V. | Point Edward<br>1,175 | Port Colborne<br>6,903 |
|---|---|---|---|---|---|
| EARNINGS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 5,712.19 | 13,264.81 | 2,830.33 | 6,340.90 | 33,904.81 |
| Commercial light service | 3,260.84 | 8,863.68 | 1,441.03 | 2,560.86 | 21,998.32 |
| Commercial power service | 978.53 | 24,871.66 | 2,350.98 | 45,082.95 | 20,466.58 |
| Municipal power | 510.90 | .......... | .......... | .......... | 7,009.42 |
| Street lighting | 1,556.45 | 2,760.42 | 397.07 | 1,775.50 | 8,751.62 |
| Merchandise | .......... | 79.14 | .......... | 133.95 | 2,195.67 |
| Miscellaneous | 165.00 | 648.35 | 119.60 | 572.10 | 2,150.54 |
| Total earnings | 12,183.91 | 50,488.06 | 7,139.01 | 56,466.26 | 96,476.96 |
| EXPENSES | | | | | |
| Power purchased | 7,292.35 | 30,372.84 | 4,674.35 | 48,940.19 | 46,020.45 |
| Substation operation | .......... | .......... | .......... | .......... | .......... |
| Substation maintenance | .......... | .......... | .......... | .......... | .......... |
| Distribution system, operation and maintenance | 190.59 | 4,646.03 | 180.85 | 299.27 | 5,966.72 |
| Line transformer maintenance | 147.34 | 58.35 | .......... | 37.58 | 1,349.53 |
| Meter maintenance | 116.87 | 485.09 | 13.50 | 177.32 | 1,008.74 |
| Consumers' premises expenses | 98.16 | 121.00 | .......... | 6.50 | 134.23 |
| Street lighting, operation and maintenance | 110.97 | 506.16 | 23.14 | 350.97 | 3,509.33 |
| Promotion of business | .......... | 103.44 | .......... | 8.83 | .......... |
| Billing and collecting | 411.07 | 1,274.90 | 263.31 | 907.61 | 2,405.30 |
| General office, salaries and expenses | 122.07 | 2,574.72 | 27.98 | 910.01 | 2,759.45 |
| Undistributed expenses | 3.22 | 198.64 | 6.62 | 15.35 | 1,238.82 |
| Truck operation and maintenance | .......... | 383.20 | .......... | .......... | 498.05 |
| Interest | 28.41 | 468.48 | 46.41 | 139.82 | 1,663.91 |
| Sinking fund and principal payments on debentures | 396.60 | 1,943.93 | 294.26 | 732.02 | 6,097.28 |
| Depreciation | 987.00 | 4,057.00 | 369.00 | 1,453.00 | 6,434.00 |
| Other reserves | 1,200.00 | 117.50 | .......... | 1,000.00 | 8,000.00 |
| Total operating costs and fixed charges | 11,104.65 | 47,311.28 | 5,899.42 | 54,978.47 | 87,085.81 |
| Net surplus | 1,079.26 | 3,176.78 | 1,239.59 | 1,487.79 | 9,391.15 |
| Net loss | .......... | .......... | .......... | .......... | .......... |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service | 294 | 770 | 117 | 329 | 1,602 |
| Commercial light service | 57 | 162 | 24 | 44 | 237 |
| Power service | 6 | 62 | 2 | 9 | 29 |
| Total | 357 | 994 | 143 | 382 | 1,868 |

**"B"—Continued**

## Hydro Municipalities for Year Ended December 31, 1942

| Port Credit 1,728 | Port Dalhousie 1,517 | Port Dover 1,784 | Port Rowan | Port Stanley 859 | Preston 6,606 | Princeton P.V. |
|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 18,515.56 | 20,148.10 | 10,562.14 | 2,931.80 | 16,404.17 | 36,095.34 | 2,663.38 |
| 7,744.84 | 4,196.14 | 5.436.71 | 2,229.69 | 4,865.98 | 20,199.76 | 920.41 |
| 4,216.89 | 7,578.88 | 5,286.20 | 107.76 | 3,134.47 | 62,368.81 | 2,202.81 |
| 1,254.45 | .......... | .......... | .......... | 907.61 | 1,242.04 | .......... |
| 2,770.81 | 1,584.91 | 2,412.00 | 792.70 | 2,516.99 | 5,527.81 | 468.00 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 382.91 | 547.07 | 175.71 | 170.00 | 452.40 | 886.01 | 125.17 |
| 34,885.46 | 34,055.10 | 23,872.76 | 6,231.95 | 28,281.62 | 126,319.77 | 6,379.77 |
| | | | | | | |
| 20,486.21 | 23,045.12 | 14,025.91 | 3,897.16 | 16,451.45 | 96,325.31 | 4,870.31 |
| .......... | .......... | .......... | .......... | .......... | 4,937.76 | .......... |
| .......... | .......... | .......... | .......... | .......... | 21.30 | .......... |
| 1,736.03 | 2,703.20 | 2,149.80 | 166.64 | 2,551.15 | 2,535.83 | 62.49 |
| 120.36 | 170.84 | 26.44 | 16.80 | 4.16 | 217.45 | .......... |
| 901.15 | 466.50 | 758.64 | 2.40 | 468.54 | 1,018.13 | 10.13 |
| 689.90 | 138.31 | 26.12 | .......... | 180.00 | 542.13 | .......... |
| 436.80 | 358.02 | 257.83 | 97.26 | 319.60 | 587.49 | 71.38 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 1,179.69 | 1,485.56 | 570.79 | 320.99 | 915.71 | 1,743.95 | 209.70 |
| 559.38 | 1,298.56 | 1,136.15 | 62.95 | 915.29 | 2,715.17 | 62.06 |
| 109.56 | 224.17 | 227.80 | 6.76 | 75.74 | 756.56 | .......... |
| .......... | 573.85 | 468.61 | .......... | 443.06 | 516.63 | .......... |
| 109.58 | 30.93 | 6.16 | 282.95 | .......... | 827.67 | 31.45 |
| 342.16 | 411.29 | .......... | 676.08 | .......... | 3,665.87 | 199.48 |
| 2,251.00 | 1,396.00 | 1,932.00 | 497.00 | 1,839.00 | 10,778.00 | 299.00 |
| 2,500.00 | 100.00 | .......... | .......... | 2,000.00 | .......... | .......... |
| 31,421.82 | 32,402.35 | 21,586.25 | 6,026.99 | 26,163.70 | 127,189.25 | 5,816.00 |
| 3,463.64 | 1,652.75 | 2,286.51 | 204.96 | 2,117.92 | .......... | 563.77 |
| .......... | .......... | .......... | .......... | .......... | 869.48 | .......... |
| | | | | | | |
| 606 | 675 | 738 | 151 | 772 | 1,637 | 90 |
| 88 | 63 | 85 | 40 | 95 | 225 | 22 |
| 10 | 12 | 16 | 2 | 11 | 46 | 3 |
| 704 | 750 | 839 | 193 | 878 | 1,908 | 115 |

## STATEMENT

## Detailed Operating Reports of Electrical Departments of

**NIAGARA SYSTEM—Continued**

| Municipality | Queenston | Richmond Hill | Ridgetown | Riverside | Rockwood |
|---|---|---|---|---|---|
| Population | P.V. | 1,345 | 1,949 | 5,525 | P.V. |
| EARNINGS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 3,634.77 | 10,644.76 | 9,060.20 | 42,087.09 | 4,329.90 |
| Commercial light service | 1,808.86 | 4,289.34 | 7,445.42 | 6,022.09 | 883.90 |
| Commercial power service | | 1,872.67 | 5,648.19 | 3,398.80 | 28.43 |
| Municipal power | | 379.45 | 1,182.87 | 3,797.34 | |
| Street lighting | 410.70 | 1,508.33 | 3,269.14 | 3,825.54 | 801.80 |
| Merchandise | | | 146.48 | 472.92 | 22.67 |
| Miscellaneous | 69.96 | 65.15 | 729.46 | 1,189.29 | 40.24 |
| Total earnings | 5,924.29 | 18,759.70 | 27,481.76 | 60,793.07 | 6,106.94 |
| EXPENSES | | | | | |
| Power purchased | 2,660.43 | 11,537.98 | 15,701.48 | 30,943.97 | 3,269.70 |
| Substation operation | | | | | |
| Substation maintenance | | | | | |
| Distribution system, operation and maintenance | 140.13 | 650.81 | 1,590.61 | 1,962.03 | 172.57 |
| Line transformer maintenance | 61.65 | 53.67 | 10.01 | 153.37 | |
| Meter maintenance | 7.50 | 28.15 | 441.65 | 906.64 | 46.42 |
| Consumers' premises expenses | 121.41 | 314.30 | 402.46 | 985.25 | 32.35 |
| Street lighting, operation and maintenance | 100.11 | 229.40 | 790.78 | 761.46 | 110.69 |
| Promotion of business | | | | 50.00 | |
| Billing and collecting | 285.29 | 1,163.06 | 1,891.16 | 2,288.71 | |
| General office, salaries and expenses | 269.08 | 312.77 | 958.56 | 3,388.36 | 630.42 |
| Undistributed expenses | 6.74 | 4.64 | 241.36 | 633.69 | 9.04 |
| Truck operation and maintenance | | | 713.50 | 493.46 | |
| Interest | 36.88 | 15.00 | 182.02 | 741.64 | 77.45 |
| Sinking fund and principal payments on debentures | 81.48 | 310.25 | 604.26 | 3,676.03 | 123.15 |
| Depreciation | 476.00 | 794.00 | 1,892.00 | 5,025.00 | 597.00 |
| Other reserves | | 1,500.00 | 1,000.00 | | |
| Total operating costs and fixed charges | 4,246.70 | 16,914.03 | 26,419.85 | 52,009.61 | 5,068.79 |
| Net surplus | 1,677.59 | 1,845.67 | 1,061.91 | 8,783.46 | 1,038.15 |
| Net loss | | | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service | 83 | 392 | 593 | 1,475 | 174 |
| Commercial light service | 15 | 74 | 136 | 60 | 26 |
| Power service | | 13 | 19 | 14 | 1 |
| Total | 98 | 479 | 748 | 1,549 | 201 |

**"B"—Continued**

## Hydro Municipalities for Year Ended December 31, 1942

| Rodney<br>721 | St. Catharines<br>30,406 | St. Clair Beach<br>145 | St. George<br>P.V. | St. Jacobs<br>P.V. | St. Marys<br>4,017 |
|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 3,260.84 | 177,614.95 | 2,887.99 | 3,271.44 | 4,055.25 | 27,706.35 |
| 2,343.80 | 102,655.24 | 2,374.86 | 1,517.01 | 1,789.58 | 10,166.69 |
| 2,041.18 | 459,166.24 | 182.49 | 2,520.16 | 4,479.27 | 21,841.59 |
| ........ | ........ | ........ | ........ | ........ | 3,004.98 |
| 1,222.87 | 27,344.71 | ........ | 480.66 | 421.45 | 4,855.00 |
| ........ | ........ | ........ | ........ | ........ | ........ |
| 79.00 | 1,944.26 | 210.94 | 216.92 | 229.06 | 497.76 |
| 8,947.69 | 768,725.40 | 5,656.28 | 8,006.19 | 10,974.60 | 68,072.37 |
| | | | | | |
| 5,602.12 | 565,506.23 | 3,007.65 | 5,063.79 | 7,949.64 | 42,276.13 |
| ........ | 7,100.63 | ........ | ........ | ........ | 2,029.32 |
| ........ | ........ | ........ | ........ | ........ | 268.46 |
| 435.05 | 18,560.28 | 173.80 | 128.47 | 22.96 | 2,895.09 |
| ........ | 650.87 | ........ | ........ | ........ | 90.16 |
| 88.92 | 9,241.61 | 7.45 | 138.64 | 123.15 | 1,435.07 |
| ........ | 1,643.47 | ........ | ........ | ........ | 1,415.23 |
| 153.74 | 4,291.00 | ........ | 143.19 | 66.63 | 735.55 |
| ........ | 493.07 | ........ | ........ | ........ | 116.14 |
| 334.81 | 16,819.00 | 293.08 | 494.21 | 404.70 | 1,389.82 |
| 527.06 | 11,307.26 | 130.20 | 128.14 | 213.43 | 2,509.62 |
| 16.86 | 5,689.56 | 1.62 | 9.14 | 15.92 | 1,226.01 |
| ........ | 3,618.71 | ........ | ........ | ........ | 388.52 |
| ........ | 7,580.00 | ........ | 61.26 | 5.95 | 974.42 |
| ........ | 5,568.29 | ........ | 351.57 | ........ | 1,931.55 |
| 620.00 | 26,716.00 | 474.00 | 420.00 | 451.00 | 6,347.00 |
| ........ | 55,000.00 | ........ | ........ | ........ | 1,100.00 |
| 7,778.56 | 739,785.98 | 4,087.80 | 6,938.41 | 9,253.37 | 67,128.09 |
| 1,169.13 | 28,939.42 | 1,568.48 | 1,067.78 | 1,721.23 | 944.28 |
| ........ | ........ | ........ | ........ | ........ | ........ |
| | | | | | |
| 239 | 8,327 | 97 | 161 | 137 | 1,020 |
| 71 | 1,046 | 6 | 32 | 29 | 164 |
| 6 | 208 | 1 | 1 | 7 | 38 |
| 316 | 9,581 | 104 | 194 | 173 | 1,222 |

## STATEMENT

## Detailed Operating Reports of Electrical Departments of

**NIAGARA SYSTEM—Continued**

| Municipality | St. Thomas | Sarnia | Scarborough Twp. V.A. | Seaforth |
|---|---|---|---|---|
| Population | 17,789 | 17,911 | | 1,691 |
| EARNINGS | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 135,326.67 | 99,174.35 | 128,402.23 | 11,389.85 |
| Commercial light service | 56,891.62 | 58,686.23 | 25,953.50 | 7,188.28 |
| Commercial power service | 61,243.27 | 210,800.73 | 19,159.80 | 7,147.62 |
| Municipal power | 7,811.56 | 4,482.71 | 15,460.99 | 724.09 |
| Street lighting | 14,711.01 | 17,963.03 | 15,582.98 | 2,096.00 |
| Merchandise | ............ | 1,049.71 | ............ | 18.31 |
| Miscellaneous | 3,767.19 | 10,856.95 | 947.12 | 92.48 |
| Total earnings | 279,751.32 | 403,013.71 | 205,506.62 | 28,656.63 |
| EXPENSES | | | | |
| Power purchased | 190,397.51 | 293,466.10 | 104,941.04 | 21,283.34 |
| Substation operation | 10,138.12 | 13,086.77 | ............ | ............ |
| Substation maintenance | 886.13 | 588.51 | 138.58 | 78.90 |
| Distribution system, operation and maintenance | 9,231.15 | 7,012.58 | 8,504.62 | 1,168.90 |
| Line transformer maintenance | 694.52 | 341.57 | 777.05 | 75.69 |
| Meter maintenance | 2,676.25 | 6,075.59 | 3,875.13 | 281.03 |
| Consumers' premises expenses | 9,431.51 | 1,556.41 | 1,611.73 | 535.56 |
| Street lighting, operation and maintenance | 2,875.91 | 4,901.26 | 2,453.82 | 295.95 |
| Promotion of business | 3,354.83 | 647.04 | ............ | ............ |
| Billing and collecting | 7,655.28 | 9,396.74 | 7,329.47 | 1,076.00 |
| General office, salaries and expenses | 10,674.82 | 13,107.21 | 5,324.34 | 975.45 |
| Undistributed expenses | 5,323.50 | 7,359.66 | 1,653.34 | 129.08 |
| Truck operation and maintenance | ............ | 1,735.14 | 2,135.71 | 453.55 |
| Interest | ............ | 515.17 | 3,093.36 | ............ |
| Sinking fund and principal payments on debentures | ............ | 2,850.50 | 11,069.77 | ............ |
| Depreciation | 18,596.00 | 24,031.00 | 16,913.00 | 2,438.00 |
| Other reserves | ............ | 8,000.00 | 17,000.00 | ............ |
| Total operating costs and fixed charges | 271,935.53 | 394,671.25 | 186,820.96 | 28,791.45 |
| Net surplus | 7,815.79 | 8,342.46 | 18,685.66 | ............ |
| Net loss | ............ | ............ | ............ | 134.82 |
| NUMBER OF CONSUMERS | | | | |
| Domestic service | 4,607 | 4,943 | 5,552 | 505 |
| Commercial light service | 599 | 621 | 371 | 104 |
| Power service | 82 | 86 | 38 | 19 |
| Total | 5,288 | 5,650 | 5,961 | 628 |

**"B"—Continued**

## Hydro Municipalities for Year Ended December 31, 1942

| Simcoe<br>5,955 | Smithville<br>P.V. | Springfield<br>417 | Stamford Twp. | Stouffville<br>1,219 | Stratford<br>16,880 | Strathroy<br>2,873 |
|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c |
| 27,541.38 | 4,029.28 | 2,113.37 | 72,256.48 | 7,089.92 | 142,752.48 | 22,098.18 |
| 32,005.11 | 2,922.56 | 841.55 | 13,360.15 | 4,341.10 | 55,855.09 | 12,043.10 |
| 26,651.53 | 2,700.81 | 875.72 | 14,681.08 | 1,143.31 | 61,050.44 | 13,207.58 |
| 1,750.62 | .......... | .......... | 2,222.67 | .......... | 9,482.76 | 1,819.14 |
| 5,140.12 | 1,205.89 | 578.77 | 8,132.58 | 1,414.66 | 16,767.20 | 4,330.13 |
| .......... | .......... | .......... | 1,577.82 | .......... | 102.86 | 77.03 |
| 2,631.28 | 128.23 | 87.50 | 1,244.11 | 550.00 | 8,788.18 | 900.00 |
| 95,720.04 | 10,986.77 | 4,496.91 | 113,474.89 | 14,538.99 | 294,799.01 | 54,475.16 |
| 63,153.11 | 5,011.09 | 2,152.58 | 45,374.21 | 8,741.99 | 182,990.25 | 38,842.13 |
| 801.66 | .......... | .......... | 864.09 | .......... | 6,402.69 | 495.11 |
| .......... | .......... | .......... | .......... | .......... | 1,641.86 | .......... |
| 5,078.17 | 766.33 | 59.77 | 8,501.40 | 586.25 | 9,219.49 | 993.87 |
| 404.61 | .......... | .......... | 552.95 | .......... | 477.93 | 311.84 |
| 1,438.22 | 29.00 | .......... | 2,465.73 | 267.10 | 3,390.10 | 734.88 |
| 317.02 | 8.40 | .......... | 2,583.66 | 74.00 | 7,622.33 | 1,658.23 |
| 1,302.66 | 209.07 | 62.95 | 823.43 | 190.65 | 3,424.00 | 719.64 |
| 7.88 | .......... | .......... | 162.33 | .......... | 1,752.86 | 125.24 |
| 2,764.40 | 626.07 | 472.30 | 3,485.75 | 784.25 | 7,592.77 | 829.61 |
| 3,010.47 | 173.01 | 100.27 | 4,881.99 | 421.12 | 9,048.65 | 2,439.19 |
| 262.45 | 23.76 | .......... | 1,710.79 | .......... | 3,948.59 | 509.68 |
| 638.65 | .......... | .......... | 2,187.69 | .......... | 1,873.82 | 606.63 |
| 1,288.97 | 311.68 | 103.47 | 3,710.75 | .......... | 11,550.00 | 1,023.60 |
| 4,672.93 | 736.29 | 273.11 | 9,685.91 | .......... | 4,897.53 | 2,301.38 |
| 5,394.00 | 637.00 | 425.00 | 9,228.00 | 768.00 | 28,259.00 | 4,404.00 |
| 2,500.00 | .......... | .......... | 10,000.00 | .......... | 8.100,00 | 100.00 |
| 93,035.20 | 8,531.70 | 3,649.45 | 106,218.68 | 11,833.36 | 292,191.87 | 56,095.03 |
| 2,684.84 | 2,455.07 | 847.46 | 7,256.21 | 2,705.63 | 2,607.14 | .......... |
| .......... | .......... | .......... | .......... | .......... | .......... | 1,619.87 |
| 1,643 | 184 | 112 | 2,430 | 403 | 4,484 | 835 |
| 384 | 54 | 30 | 163 | 90 | 585 | 175 |
| 42 | 5 | 3 | 20 | 7 | 115 | 32 |
| 2,069 | 243 | 145 | 2,613 | 500 | 5,184 | 1,042 |

## STATEMENT

## Detailed Operating Reports of Electrical Departments of

**NIAGARA SYSTEM—Continued**

| Municipality<br>Population | Streets-ville<br>708 | Sutton<br>909 | Swansea<br>6,872 | Tavistock<br>1,092 | Tecumseh<br>2,570 |
|---|---|---|---|---|---|
| EARNINGS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 5,484.61 | 8,370.76 | 74,305.80 | 8,620.17 | 15,869.28 |
| Commercial light service | 2,008.54 | 3,737.79 | 10,109.78 | 4,123.66 | 5,580.32 |
| Commercial power service | 4,973.24 | 1,157.48 | 24,914.12 | 8,783.26 | 2,555.34 |
| Municipal power | | | 2,636.92 | 427.27 | |
| Street lighting | 1,481.50 | 2,072.32 | 5,851.71 | 1,284.82 | 1,365.39 |
| Merchandise | | | | 16.77 | |
| Miscellaneous | 547.87 | 152.56 | 1,239.59 | 180.00 | 358.69 |
| Total earnings | 14,495.76 | 15,490.91 | 119,057.92 | 23,435.95 | 25,729.02 |
| EXPENSES | | | | | |
| Power purchased | 5,881.66 | 8,034.71 | 76,288.29 | 17,226.96 | 12,109.32 |
| Substation operation | 1,220.44 | | | | |
| Substation maintenance | | | | | |
| Distribution system, operation and maintenance | 734.88 | 210.55 | 2,717.59 | 973.87 | 1,270.97 |
| Line transformer maintenance | 47.80 | | 81.39 | | 78.24 |
| Meter maintenance | 15.00 | 556.30 | 903.20 | 155.88 | 628.19 |
| Consumers' premises expenses | | 6.00 | 910.80 | 260.73 | 346.13 |
| Street lighting, operation and maintenance | 17.03 | 95.95 | 468.92 | 470.71 | 491.08 |
| Promotion of business | | | 1.65 | | |
| Billing and collecting | 641.47 | 553.57 | 4,194.45 | 951.72 | 919.25 |
| General office, salaries and expenses | 526.85 | 299.79 | 3,197.83 | 484.95 | 1,466.73 |
| Undistributed expenses | 36.46 | 42.40 | 452.59 | 51.60 | 115.73 |
| Truck operation and maintenance | | 275.28 | 531.58 | | 322.27 |
| Interest | 532.63 | 136.42 | 2,772.11 | 84.50 | 32.71 |
| Sinking fund and principal payments on debentures | 595.76 | 1,180.28 | 3,423.09 | 305.82 | 594.89 |
| Depreciation | 1,055.00 | 1,237.00 | 5,669.00 | 1,266.00 | 1,953.00 |
| Other reserves | 1,500.00 | 1,559.03 | 115.92 | | 2,700.00 |
| Total operating costs and fixed charges | 12,804.98 | 14,187.28 | 101,728.41 | 22,232.74 | 23,028.51 |
| Net surplus | 1,690.78 | 1,303.63 | 17,329.51 | 1,203.21 | 2,700.51 |
| Net loss | | | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service | 201 | 457 | 2,158 | 298 | 682 |
| Commercial light service | 50 | 78 | 81 | 96 | 52 |
| Power service | 6 | 3 | 16 | 9 | 2 |
| Total | 257 | 538 | 2,255 | 403 | 736 |

## "B"—Continued

## Hydro Municipalities for Year Ended December 31, 1942

| Thamesford P.V. | Thames-ville 792 | Thedford 566 | Thorndale P.V. | Thorold 5,284 | Tilbury 1,965 | Tillsonburg 3,981 |
|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 3,570.45 | 3,477.67 | 3,315.61 | 1,789.12 | 21,931.50 | 7,263.96 | 19,550.44 |
| 1,466.11 | 3,161.23 | 2,659.52 | 741.86 | 8,780.73 | 7,376.00 | 17,979.58 |
| 1,622.51 | 1,991.13 | 1,202.90 | 1,169.15 | 38,620.20 | 27,900.50 | 12,634.49 |
| .......... | .......... | .......... | .......... | 1,849.65 | 225.00 | 1,582.03 |
| 505.96 | 1,233.77 | 1,065.00 | 374.43 | 3,428.06 | 1,756.87 | 4,963.83 |
| .......... | .......... | .......... | .......... | .......... | 4.56 | 794.13 |
| 293.84 | 374.56 | 195.00 | 56.67 | 1,962.97 | 795.16 | 105.04 |
| 7,458.87 | 10,238.36 | 8,438.03 | 4,131.23 | 76,573.11 | 45,322.05 | 57,609.54 |
| 6,325.45 | 5,989.16 | 4,011.89 | 2,630.75 | 50,306.48 | 37,575.60 | 34,620.65 |
| .......... | .......... | .......... | .......... | 3,928.66 | .......... | 1,080.14 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 398.52 | 505.97 | 213.21 | 69.91 | 2,111.56 | 1,136.56 | 3,701.19 |
| .......... | .......... | 7.03 | 3.15 | 3.03 | 62.41 | 209.33 |
| .60 | 134.44 | 129.95 | 5.50 | 464.08 | 257.98 | 537.51 |
| 175.39 | .......... | 22.24 | .......... | 247.91 | 7.00 | 15.05 |
| 143.81 | 125.95 | 62.65 | 31.84 | 900.90 | 194.77 | 494.35 |
| .......... | .......... | .......... | .......... | .......... | 19.90 | .......... |
| 333.98 | 380.67 | 243.72 | 184.61 | 1,710.38 | 649.90 | 2,385.13 |
| 163.21 | 283.40 | 86.11 | 77.10 | 1,433.56 | 1,204.09 | 4,262.60 |
| 1.90 | 49.01 | 6.98 | .......... | 185.81 | 175.97 | 113.49 |
| .......... | .......... | .......... | .......... | 635.46 | 263.91 | 500.69 |
| 20.63 | .......... | .......... | 27.57 | .......... | 118.21 | 386.56 |
| 178.30 | .......... | .......... | 135.06 | .......... | 609.98 | 349.26 |
| 551.00 | 981.00 | 570.00 | 346.00 | 3,890.00 | 1,785.00 | 4,030.00 |
| .......... | .......... | .......... | 200.00 | .......... | .......... | 2,500.00 |
| 8,292.79 | 8,449.60 | 5,353.78 | 3,711.49 | 65,817.83 | 44,061.28 | 55,185.95 |
| .......... | 1,788.76 | 3,084.25 | 419.74 | 10,755.28 | 1,260.77 | 2,423.59 |
| 833.92 | .......... | .......... | .......... | .......... | .......... | .......... |
| 141 | 237 | 166 | 75 | 1,247 | 498 | 1,204 |
| 41 | 80 | 46 | 22 | 164 | 125 | 240 |
| 6 | 6 | 2 | 2 | 16 | 14 | 35 |
| 188 | 323 | 214 | 99 | 1,427 | 637 | 1,479 |

## STATEMENT

## Detailed Operating Reports of Electrical Departments of

**NIAGARA SYSTEM—Continued**

| Municipality<br>Population | Toronto<br>655,751 | Toronto Twp. V.A. | Trafalgar Twp. V.A. No. 1 | Trafalgar Twp. V.A. No. 2 |
|---|---|---|---|---|
| EARNINGS | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 4,213,003.73 | 80,728.43 | 14,803.07 | 5,154.50 |
| Commercial light service | 2,742,352.50 | 16,389.56 | 469.74 | 757.36 |
| Commercial power service | 4,952,771.71 | 12,520.95 | 477.55 | 211.78 |
| Municipal power | 1,378,507.01 | ........ | ........ | ........ |
| Street lighting | 428,251.82 | 5,137.86 | ........ | ........ |
| Merchandise | ........ | ........ | ........ | ........ |
| Miscellaneous | 281,094.75 | 2,648.19 | 651.72 | 326.50 |
| Total earnings | 13,995,981.52 | 117,424.99 | 16,402.08 | 6,450.14 |
| EXPENSES | | | | |
| Power purchased | 7,674,462.52 | 70,945.27 | 9,931.63 | 4,133.52 |
| Substation operation | 228,574.86 | ........ | ........ | ........ |
| Substation maintenance | 260,159.44 | ........ | ........ | ........ |
| Distribution system, operation and maintenance | 355,381.15 | 6,824.71 | 2,567.65 | 414.87 |
| Line transformer maintenance | 56,550.24 | 624.09 | 12.86 | 26.13 |
| Meter maintenance | 114,630.23 | 1,682.65 | 122.91 | 28.10 |
| Consumers' premises expenses | 231,663.02 | 1,264.87 | ........ | ........ |
| Street lighting, operation and maintenance | 123,101.23 | 652.60 | ........ | ........ |
| Promotion of business | 135,167.01 | ........ | ........ | ........ |
| Billing and collecting | 448,102.60 | 5,994.94 | ........ | ........ |
| General office, salaries and expenses | 333,517.82 | 7,758.71 | 1,443.72 | 614.34 |
| Undistributed expenses | 275,648.81 | 473.15 | 112.41 | 14.08 |
| Truck operation and maintenance | ........ | 2,332.40 | 608.09 | ........ |
| Interest | 601,356.53 | 799.91 | 179.00 | 230.14 |
| Sinking fund and principal payments on debentures | 1,077,481.59 | 1,292.07 | 1,503.63 | 817.88 |
| Depreciation | 1,156,739.37 | 13,082.00 | 1,647.00 | 500.00 |
| Other reserves | ........ | 1,800.00 | ........ | ........ |
| Total operating costs and fixed charges | 13,072,536.42 | 115,527.37 | 18,128.90 | 6,779.06 |
| Net surplus | 923,445.10 | 1,897.62 | ........ | ........ |
| Net loss | ........ | ........ | 1,726.82 | 328.92 |
| NUMBER OF CONSUMERS | | | | |
| Domestic service | 152,159 | 2,795 | 378 | 154 |
| Commercial light service | 22,944 | 184 | 2 | 17 |
| Power service | 5,075 | 29 | 6 | 2 |
| Total | 180,178 | 3,008 | 386 | 173 |

## "B"—Continued

## Hydro Municipalities for Year Ended December 31, 1942

| Wallaceburg | Wardsville | Waterdown | Waterford | Waterloo | Watford | Welland |
|---|---|---|---|---|---|---|
| 4,976 | 205 | 841 | 1,261 | 8,885 | 1,054 | 12,838 |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 22,745.06 | 1,549.17 | 5,754.25 | 6,925.71 | 72,250.77 | 7,695.75 | 61,278.96 |
| 15,390.29 | 882.67 | 1,576.08 | 3,557.96 | 28,301.39 | 3,732.08 | 43,619.36 |
| 80,951.53 | 50.11 | 1,254.11 | 6,555.81 | 57,431.45 | 4,468.82 | 246,129.15 |
| 1,960.17 | .......... | 102.58 | 237.27 | 3,918.93 | 296.38 | 2,484.14 |
| 4,848.62 | 649.34 | 1,052.07 | 1,582.80 | 7,872.39 | 1,576.23 | 12,649.84 |
| 3,755.51 | .......... | .......... | .......... | .......... | 163.00 | .......... |
| 1,146.52 | 97.40 | 179.88 | 303.94 | 2,666.51 | 272.52 | 7,195.49 |
| 130,797.70 | 3,228.69 | 9,918.97 | 19,163.49 | 172,441.44 | 18,204.78 | 373,356.94 |
| | | | | | | |
| 95,682.66 | 1,150.11 | 5,841.63 | 13,325.35 | 124,702.39 | 10,816.93 | 229,695.31 |
| 364.00 | .......... | .......... | .......... | 1,573.33 | .......... | 7,884.10 |
| .......... | .......... | .......... | .......... | 496.62 | .......... | 621.49 |
| 3,249.87 | 223.99 | 636.35 | 1,320.18 | 4,792.97 | 1,122.38 | 5,536.77 |
| 501.58 | .......... | .......... | 93.35 | 740.42 | 61.57 | 4,596.00 |
| 1,000.20 | 59.53 | 115.99 | 187.68 | 1,443.23 | 133.32 | 3,995.89 |
| 36.51 | 18.79 | .......... | .......... | 642.00 | 197.51 | 1,668.98 |
| 575.06 | 89.69 | 195.49 | 405.54 | 1,030.54 | 160.45 | 2,014.78 |
| .......... | .......... | .......... | .......... | .......... | .......... | 96.79 |
| 2,176.45 | 115.08 | 576.30 | 866.23 | 3,919.75 | 599.66 | 5,655.48 |
| 4,178.59 | 64.13 | 163.80 | 377.76 | 2,720.39 | 697.39 | 11,183.14 |
| 1,005.29 | .......... | 39.17 | 56.15 | 241.09 | 39.09 | 740.79 |
| 826.56 | .......... | .......... | .......... | 603.12 | 166.60 | 1,450.91 |
| 1,285.82 | .......... | .......... | .......... | .......... | .......... | 6,608.31 |
| 4,486.24 | .......... | .......... | .......... | .......... | .......... | 6,949.39 |
| 6,450.00 | 334.00 | 977.00 | 1,313.00 | 12,355.00 | 1,165.00 | 18,407.53 |
| 4,500.00 | .......... | .......... | .......... | .......... | .......... | .......... |
| 126,318.83 | 2,055.32 | 8,545.73 | 17,945.24 | 155,260.85 | 15,159.90 | 307,105.66 |
| 4,478.87 | 1,173.37 | 1,373.24 | 1,218.25 | 17,180.59 | 3,044.88 | 66,251.28 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| | | | | | | |
| 1,279 | 59 | 268 | 393 | 2,210 | 309 | 3,209 |
| 243 | 20 | 31 | 71 | 248 | 72 | 448 |
| 41 | 1 | 7 | 15 | 72 | 7 | 95 |
| 1,563 | 80 | 306 | 479 | 2,530 | 388 | 3,752 |

## STATEMENT

## Detailed Operating Reports of Electrical Departments of

**NIAGARA SYSTEM—Concluded**

| Municipality | Wellesley | West Lorne | Weston | Wheatley | Windsor |
|---|---|---|---|---|---|
| Population | P.V. | 790 | 5,784 | 758 | 107,424 |
| EARNINGS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 2,513.44 | 3,350.88 | 57,256.80 | 3,911.98 | 731,270.00 |
| Commercial light service | 1,663.05 | 2,776.53 | 13,102.59 | 3,075.29 | 414,694.80 |
| Commercial power service | 1,131.94 | 4,590.38 | 65,608.24 | 2,592.00 | 788,697.32 |
| Municipal power | ......... | ......... | 582.27 | 543.70 | 19,790.83 |
| Street lighting | 640.23 | 1,027.68 | 7,543.50 | 1,754.81 | 106,805.31 |
| Merchandise | ......... | ......... | ......... | ......... | 14,378.17 |
| Miscellaneous | 141.76 | 168.45 | 5.08 | 409.70 | 35,213.89 |
| Total earnings | 6,090.42 | 11,913.92 | 144,098.48 | 12,287.48 | 2,110,850.32 |
| EXPENSES | | | | | |
| Power purchased | 3,172.73 | 7,671.22 | 105,925.72 | 6,657.83 | 1,235,902.67 |
| Substation operation | ......... | ......... | ......... | ......... | 39,398.87 |
| Substation maintenance | ......... | ......... | 409.47 | ......... | 21,077.63 |
| Distribution system, operation and maintenance | 127.45 | 332.63 | 6,205.81 | 713.51 | 51,579.50 |
| Line transformer maintenance | 4.50 | 40.01 | 225.14 | ......... | 12,234.44 |
| Meter maintenance | 262.80 | 218.21 | 769.31 | 133.96 | 26,039.10 |
| Consumers' premises expenses | ......... | 46.48 | 2,248.52 | 62.54 | 50,715.29 |
| Street lighting, operation and maintenance | 65.40 | 122.79 | 1,209.77 | 279.34 | 31,917.90 |
| Promotion of business | ......... | ......... | ......... | 5.84 | 7,169.10 |
| Billing and collecting | 256.47 | 688.91 | 1,678.96 | 493.66 | 53,844.90 |
| General office, salaries and expenses | 282.45 | 258.75 | 3,543.30 | 141.54 | 47,221.08 |
| Undistributed expenses | 13.37 | 3.07 | 418.60 | 77.38 | 23,191.78 |
| Truck operation and maintenance | ......... | ......... | 460.33 | ......... | ......... |
| Interest | ......... | ......... | 979.96 | 135.06 | 34,435.57 |
| Sinking fund and principal payments on debentures | ......... | ......... | 3,764.49 | 977.36 | 113,901.71 |
| Depreciation | 450.00 | 899.00 | 6,991.00 | 872.00 | 141,690.00 |
| Other reserves | ......... | ......... | ......... | ......... | 100,000.00 |
| Total operating costs and fixed charges | 4,635.17 | 10,281.07 | 134,830.38 | 10,550.02 | 1,990,319.54 |
| Net surplus | 1,455.25 | 1,632.85 | 9,268.10 | 1,737.46 | 120,530.78 |
| Net loss | ......... | ......... | ......... | ......... | ......... |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service | 135 | 222 | 1,610 | 236 | 26,097 |
| Commercial light service | 46 | 52 | 180 | 71 | 3,111 |
| Power service | 4 | 8 | 31 | 6 | 494 |
| Total | 185 | 282 | 1,821 | 313 | 29,702 |

**"B"—Continued**

## Hydro Municipalities for Year Ended December 31, 1942

| Woodbridge<br>1,032 | Woodstock<br>12,125 | Wyoming<br>554 | York Twp. | Zurich<br>P.V. | NIAGARA SYSTEM SUMMARY |
|---:|---:|---:|---:|---:|---:|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 8,385.92 | 83,131.42 | 2,625.66 | 547,611.58 | 3,690.41 | 11,532,881.65 |
| 2,308.93 | 48,864.26 | 1,483.62 | 79,066.94 | 3,028.39 | 5,868,096.27 |
| 10,089.39 | 110,346.36 | 204.42 | 174,405.92 | ............ | 13,386,154.69 |
| 751.83 | 3,809.44 | ............ | 7,563.26 | ............ | 1,826,782.35 |
| 1,021.94 | 8,842.49 | 780.00 | 46,721.68 | 679.34 | 1,371,676.15 |
| ............ | ............ | ............ | ............ | ............ | 37,143.23 |
| 149.92 | 2,857.74 | 19.50 | 1,643.06 | 205.03 | 573,071.53 |
| 22,707.93 | 257,851.71 | 5,113.20 | 857,012.44 | 7,603.17 | 34,595,805.87 |
| 15,976.81 | 202,652.41 | 2,831.61 | 475,131.02 | 4,354.12 | 21,345,223.86 |
| ............ | 3,722.69 | ............ | 2,245.60 | ............ | 474,392.36 |
| ............ | 42.92 | ............ | 353.58 | ............ | 339,289.48 |
| 567.48 | 5,527.43 | 316.16 | 12,394.45 | 363.52 | 846,541.22 |
| ............ | 4.10 | ............ | 5,280.94 | ............ | 117,600.83 |
| 331.41 | 5,043.01 | 70.54 | 13,805.80 | 60.80 | 345,226.24 |
| 341.69 | 2,817.03 | ............ | 9,967.97 | ............ | 451,690.31 |
| 103.39 | 1,930.77 | 150.15 | 8,682.40 | 72.53 | 295,175.05 |
| ............ | 505.94 | ............ | ............ | ............ | 183,545.34 |
| ............ | 4,169.79 | 237.08 | 37,013.59 | 242.21 | 931,380.78 |
| 751.46 | 4,584.21 | 122.26 | 32,699.37 | 107.14 | 827,131.26 |
| 6.56 | 1,953.40 | 12.86 | 3,052.03 | 5.77 | 457,124.60 |
| ............ | 1,267.64 | ............ | ............ | ............ | 63,008.93 |
| 252.05 | ............ | ............ | 5,402.98 | 107.16 | 847,933.72 |
| 472.09 | ............ | ............ | 14,944.44 | 282.84 | 1,854,058.37 |
| 1,112.00 | 17,211.00 | 527.00 | 56,163.00 | 549.00 | 2,374,355.22 |
| 1,500.00 | 5,000.00 | ............ | ............ | ............ | 455,929.14 |
| 21,414.94 | 256,432.34 | 4,267.66 | 677,137.17 | 6,145.09 | 32,209,606.71 |
| 1,292.99 | 1,419.37 | 845.54 | 179,875.27 | 1,458.08 | 2,386,199.16 |
| ............ | ............ | ............ | ............ | ............ | ............ |
| 308 | 3,372 | 159 | 21,316 | 148 | 435,812 |
| 47 | 462 | 44 | 996 | 46 | 57,577 |
| 8 | 97 | 2 | 169 | ............ | 11,123 |
| 363 | 3,931 | 205 | 22,481 | 194 | 504,512 |

## STATEMENT

## Detailed Operating Reports of Electrical Departments of

**GEORGIAN BAY SYSTEM**

| Municipality | Alliston | Arthur | Barrie | Beaverton | Beeton |
|---|---|---|---|---|---|
| Population | 1,590 | 1,043 | 9,994 | 904 | 634 |
| EARNINGS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 12,236.99 | 5,719.68 | 83,499.35 | 6,847.12 | 3,617.06 |
| Commercial light service | 8,783.18 | 4,673.79 | 48,375.53 | 2,575.56 | 2,306.86 |
| Commercial power service | 2,973.14 | 1,078.48 | 25,246.14 | 1,067.59 | 3,295.97 |
| Municipal power | 769.72 | 433.25 | 1,711.74 | | |
| Street lighting | 1,959.66 | 1,371.76 | 6,087.64 | 1,301.33 | 1,231.78 |
| Merchandise | | | 81.10 | | |
| Miscellaneous | 240.04 | 30.00 | 202.53 | 320.08 | 96.58 |
| Total earnings | 26,962.73 | 13,306.96 | 165,204.03 | 12,111.68 | 10,548.25 |
| EXPENSES | | | | | |
| Power purchased | 14,909.16 | 8,053.77 | 124,799.31 | 9,096.20 | 6,717.77 |
| Substation operation | | | 678.47 | | |
| Substation maintenance | | | 579.12 | | |
| Distribution system, operation and maintenance | 1,170.21 | 738.31 | 5,864.98 | 522.63 | 258.07 |
| Line transformer maintenance | | 13.50 | 126.48 | | |
| Meter maintenance | 576.27 | 104.90 | 833.06 | 53.29 | 43.16 |
| Consumers' premises expenses | 485.20 | | 238.96 | | |
| Street lighting, operation and maintenance | 426.20 | 269.10 | 1,403.76 | 158.93 | 104.66 |
| Promotion of business | 12.65 | | 216.30 | | |
| Billing and collecting | 810.74 | | 5,820.66 | 967.58 | 142.94 |
| General office, salaries and expenses | 480.64 | 637.96 | 2,683.38 | 586.67 | 118.73 |
| Undistributed expenses | 152.00 | 22.57 | 363.99 | | |
| Truck operation and maintenance | | | 968.06 | | |
| Interest | 750.00 | 578.85 | 646.19 | 69.99 | 284.15 |
| Sinking fund and principal payments on debentures | 1,679.39 | 1,207.00 | 2,018.89 | 590.04 | 693.46 |
| Depreciation | 1,798.00 | 1,328.00 | 9,956.98 | 1,520.00 | 795.00 |
| Other reserves | 2,000.00 | | 5,259.09 | | |
| Total operating costs and fixed charges | 25,250.46 | 12,953.96 | 162,457.68 | 13,565.33 | 9,157.94 |
| Net surplus | 1,712.27 | 353.00 | 2,746.35 | | 1,390.31 |
| Net loss | | | | 1,453.65 | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service | 400 | 225 | 2,381 | 317 | 139 |
| Commercial light service | 107 | 78 | 404 | 64 | 31 |
| Power service | 15 | 8 | 46 | 7 | 5 |
| Total | 522 | 311 | 2,831 | 388 | 175 |

"B"—Continued

## Hydro Municipalities for Year Ended December 31, 1942

| Bradford 947 | Brechin P.V. | Cannington 762 | Chatsworth 325 | Chesley 1,771 | Coldwater 563 | Collingwood 5,808 |
|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 6,846.92 | 1,550.91 | 5,387.70 | 2,302.14 | 9,914.84 | 3,579.07 | 34,519.97 |
| 4,544.30 | 601.21 | 2,210.06 | 1,131.20 | 5,883.63 | 1,315.65 | 16,081.92 |
| 4,157.82 | 783.00 | 2,595.71 | ........... | 6,104.50 | 644.95 | 36,267.15 |
| 451.03 | ........... | ........... | ........... | 916.40 | ........... | 1,683.40 |
| 1,074.22 | 476.00 | 1,182.58 | 533.00 | 2,327.04 | 865.57 | 3,687.75 |
| ........... | ........... | 34.57 | ........... | 52.40 | ........... | ........... |
| 274.95 | 15.00 | 63.71 | 50.65 | ........... | 187.62 | 1,097.11 |
| 17,349.24 | 3,426.12 | 11,474.33 | 4,016.99 | 25,198.81 | 6,592.86 | 93,337.30 |
| 9,725.37 | 1,988.15 | 6,755.59 | 2,806.34 | 18,992.68 | 4,467.42 | 82,415.75 |
| ........... | ........... | ........... | ........... | ........... | ........... | ........... |
| ........... | ........... | ........... | ........... | ........... | ........... | 309.30 |
| 1,470.42 | 212.44 | 573.02 | 51.36 | 509.94 | 334.79 | 2,952.09 |
| ........... | ........... | ........... | ........... | 41.90 | ........... | 13.82 |
| 174.58 | ........... | 163.32 | 46.00 | 168.91 | 132.70 | 520.94 |
| ........... | ........... | ........... | ........... | 540.33 | 7.81 | 16.40 |
| 318.63 | 92.98 | 161.09 | 36.65 | 216.46 | 207.25 | 220.88 |
| ........... | ........... | ........... | ........... | 415.90 | ........... | ........... |
| 559.40 | ........... | 501.55 | ........... | 614.50 | 576.65 | 2,118.35 |
| 331.27 | 315.57 | 452.33 | 344.44 | 665.07 | 182.00 | 1,140.37 |
| 118.50 | 0.87 | ........... | 16.00 | 51.60 | ........... | 535.89 |
| 223.29 | ........... | ........... | ........... | 68.78 | ........... | 309.37 |
| 590.06 | 157.43 | 122.52 | ........... | 19.20 | 48.95 | ........... |
| 1,428.97 | 157.74 | 703.14 | ........... | ........... | 432.74 | ........... |
| 1,237.00 | 174.00 | 982.00 | 362.00 | 1,635.00 | 772.00 | 5,330.00 |
| ........... | 30.00 | 525.00 | ........... | ........... | ........... | ........... |
| 16,177.49 | 3,129.18 | 10,939.56 | ... 3,662.79 | 23,940.27 | 7,162.31 | 95,883.16 |
| 1,171.75 | 296.94 | 534.77 | 354.20 | 1,258.54 | ........... | ........... |
| ........... | ........... | ........... | ........... | ........... | 569.45 | 2,545.86 |
| 269 | 58 | 247 | 98 | 457 | 157 | 1,573 |
| 74 | 22 | 65 | 30 | 90 | 51 | 208 |
| 11 | 3 | 10 | ........... | 20 | 2 | 46 |
| 354 | 83 | 322 | 128 | 567 | 210 | 1,827 |

## STATEMENT

## Detailed Operating Reports of Electrical Departments of

**GEORGIAN BAY SYSTEM—Continued**

| Municipality | Cookstown | Creemore | Dundalk | Durham | Elmvale |
|---|---|---|---|---|---|
| Population | P.V. | 666 | 688 | 1,959 | P.V. |
| EARNINGS | $ c. | $ c. | $ c. | $ c. | $ c |
| Domestic service | 2,461.34 | 3,593.41 | 3,535.78 | 7,323.28 | 3,822.88 |
| Commercial light service | 1,461.28 | 1,521.77 | 3,335.71 | 4,889.93 | 1,637.42 |
| Commercial power service | 1,218.20 | 1,279.24 | 3,217.83 | 3,842.00 | 2,766.05 |
| Municipal power | .......... | .......... | .......... | 647.14 | 273.00 |
| Street lighting | 855.00 | 756.00 | 1,031.80 | 1,577.22 | 696.86 |
| Merchandise | .......... | .......... | .......... | 3.17 | .......... |
| Miscellaneous | 188.20 | 150.00 | 165.00 | 400.54 | 204.95 |
| Total earnings | 6,184.02 | 7,300.42 | 11,286.12 | 18,683.28 | 9,401.16 |
| EXPENSES | | | | | |
| Power purchased | 3,430.34 | 5,067.36 | 8,182.85 | 14,846.82 | 6,246.66 |
| Substation operation | .......... | .......... | .......... | .......... | .......... |
| Substation maintenance | .......... | .......... | .......... | .......... | .......... |
| Distribution system, operation and maintenance | 184.97 | 677.47 | 709.08 | 877.45 | 302.32 |
| Line transformer maintenance | .......... | .......... | .......... | 83.84 | .......... |
| Meter maintenance | 48.24 | 71.12 | 40.86 | 236.03 | 52.80 |
| Consumers' premises expenses | .......... | 14.94 | .......... | 64.92 | 26.26 |
| Street lighting, operation and maintenance | 145.10 | 55.65 | 156.48 | 244.22 | 145.36 |
| Promotion of business | .......... | .......... | .......... | .......... | .......... |
| Billing and collecting | 298.37 | 245.04 | .......... | 728.62 | 392.90 |
| General office, salaries and expenses | 105.43 | 59.97 | 884.79 | 864.21 | 215.90 |
| Undistributed expenses | 9.38 | .......... | 13.22 | 80.79 | .......... |
| Truck operation and maintenance | .......... | .......... | .......... | 381.81 | .......... |
| Interest | 229.39 | 4.02 | .......... | .......... | 21.71 |
| Sinking fund and principal payments on debentures | 498.56 | .......... | .......... | .......... | 433.65 |
| Depreciation | 692.00 | 561.00 | 644.00 | 1,506.00 | 814.00 |
| Other reserves | .......... | .......... | .......... | .......... | .......... |
| Total operating costs and fixed charges | 5,641.78 | 6,756.57 | 10,631.28 | 19,914.71 | 8,651.56 |
| Net surplus | 542.24 | 543.85 | 654.84 | .......... | 749.60 |
| Net loss | .......... | .......... | .......... | 1,231.43 | .......... |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service | 112 | 168 | 203 | 468 | 196 |
| Commercial light service | 34 | 49 | 72 | 102 | 49 |
| Power service | 3 | 3 | 6 | 12 | 6 |
| Total | 149 | 220 | 281 | 582 | 251 |

## "B"—Continued

## Hydro Municipalities for Year Ended December 31, 1942

| Elmwood | Flesherton | Grand Valley | Gravenhurst | Hanover | Holstein | Huntsville |
|---|---|---|---|---|---|---|
| P.V. | 458 | 692 | 2,303 | 3,318 | P.V. | 2,909 |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 1 192.31 | 2 052.94 | 3 685.67 | 11 341.26 | 22,178.27 | 1,063.67 | 14,221.81 |
| 697.52 | 1,655.53 | 2,379.27 | 12,392.52 | 8,791.57 | 678.63 | 11,392.52 |
| 1,249.75 | 762.15 | 2,287.17 | 14,642.54 | 22,500.87 | 273.93 | 14,136.75 |
| .......... | .......... | .......... | 887.16 | 298.03 | .......... | 1,222.85 |
| 385.76 | 662.38 | 890.00 | 2,075.34 | 2,328.24 | 287.50 | 2,596.75 |
| .......... | .......... | .......... | 376.76 | 20.57 | .......... | .......... |
| 114.10 | 183.02 | 211.53 | 27.50 | 1,427.97 | 105.00 | 259.55 |
| 3,639.44 | 5,316.02 | 9,453.64 | 41,743.08 | 57,545.52 | 2,408.73 | 43,830.23 |
| 2,322.06 | 2,374.53 | 5,515.60 | 26,983.19 | 43,637.40 | 1,041.64 | 33,476.94 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| .......... | .......... | .......... | 25.00 | .......... | .......... | .......... |
| 91.56 | 222.33 | 244.35 | 3,500.36 | 2,252.31 | 42.48 | 2,248.87 |
| .......... | .......... | .......... | .......... | 84.10 | .......... | 27.50 |
| 69.60 | 118.50 | 111.15 | 129.74 | 419.32 | .......... | 577.32 |
| .......... | 18.00 | .......... | 236.20 | 135.36 | .......... | 127.24 |
| 21.40 | 131.02 | 38.86 | 355.46 | 233.06 | 24.00 | 597.63 |
| .......... | .......... | .......... | .......... | .......... | .......... | 263.97 |
| .......... | .......... | .......... | 1,105.32 | 1,755.44 | .......... | 1,534.75 |
| 187.93 | 489.15 | 758.99 | 798.97 | 1,115.73 | 180.66 | 1,827.27 |
| 5.89 | 1.31 | 16.48 | 578.60 | 348.47 | .......... | 836.57 |
| .......... | .......... | .......... | 497.37 | 304.99 | .......... | 163.17 |
| 4.59 | 63.43 | .......... | .......... | .......... | .......... | .......... |
| .......... | 294.35 | .......... | .......... | .......... | .......... | .......... |
| 299.00 | 445.00 | 803.00 | 3,087.00 | 4,648.91 | 170.00 | 1,790.00 |
| .......... | .......... | 1,000.00 | 2,200.00 | 1,500.00 | .......... | 159.03 |
| 3,002.03 | 4,157.62 | 8,488.43 | 39,497.21 | 56,435.09 | 1,458.78 | 43,630.26 |
| 637.41 | 1,158.40 | 965.21 | 2,245.87 | 1,110.43 | 949.95 | 199.97 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 67 | 132 | 181 | 524 | 805 | 52 | 734 |
| 19 | 47 | 54 | 118 | 136 | 20 | 133 |
| 1 | 2 | 6 | 15 | 25 | 2 | 16 |
| 87 | 181 | 241 | 657 | 966 | 74 | 883 |

## STATEMENT

## Detailed Operating Reports of Electrical Departments of

**GEORGIAN BAY SYSTEM—Continued**

| Municipality<br>Population | Kincardine<br>2,254 | Kirkfield<br>P.V. | Lucknow<br>964 | Markdale<br>781 | Meaford<br>2,676 |
|---|---|---|---|---|---|
| EARNINGS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 16,038.37 | 936.13 | 6,034.78 | 3,858.25 | 14,326.52 |
| Commercial light service | 8,588.28 | 985.68 | 5,288.19 | 3,174.91 | 8,889.96 |
| Commercial power service | 10,677.60 | | 7,175.28 | 2,253.69 | 8,817.17 |
| Municipal power | 1,484.82 | | 481.28 | 262.00 | 996.31 |
| Street lighting | 4,367.46 | 432.00 | 1,501.17 | 972.70 | 3,332.91 |
| Merchandise | | | | 5.89 | 9.48 |
| Miscellaneous | 288.14 | | 70.00 | 191.03 | 212.94 |
| Total earnings | 41,444.67 | 2,353.81 | 20,550.70 | 10,718.47 | 36,585.29 |
| EXPENSES | | | | | |
| Power purchased | 26,703.22 | 1,320.25 | 13,660.76 | 6,411.13 | 23,803.66 |
| Substation operation | 325.80 | | | | |
| Substation maintenance | | | | | |
| Distribution system, operation and maintenance | 2,358.49 | 163.39 | 517.21 | 158.92 | 2,170.15 |
| Line transformer maintenance | 151.88 | | | | 50.08 |
| Meter maintenance | 294.07 | | 181.98 | 102.15 | 428.03 |
| Consumers' premises expenses | 233.85 | | | | 122.50 |
| Street lighting, operation and maintenance | 391.40 | 26.93 | 172.47 | 43.93 | 353.43 |
| Promotion of business | 12.08 | | | | |
| Billing and collecting | 1,016.67 | | | | 808.40 |
| General office, salaries and expenses | 896.70 | 209.20 | 1,317.59 | 687.16 | 892.70 |
| Undistributed expenses | 321.97 | | | | 398.21 |
| Truck operation and maintenance | 239.38 | | | | 251.29 |
| Interest | 96.25 | | 60.95 | 135.94 | 251.58 |
| Sinking fund and principal payments on debentures | 1,586.34 | | 807.00 | 517.90 | 4,886.82 |
| Depreciation | 3,077.00 | 299.00 | 1,144.00 | 832.00 | 1,899.00 |
| Other reserves | 1,800.00 | | 1,350.00 | | |
| Total operating costs and fixed charges | 39,505.10 | 2,018.77 | 19,211.96 | 8,889.13 | 36,315.85 |
| Net surplus | 1,939.57 | 335.04 | 1,338.74 | 1,829.34 | 269.44 |
| Net loss | | | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service | 701 | 34 | 272 | 220 | 744 |
| Commercial light service | 116 | 19 | 87 | 68 | 149 |
| Power service | 16 | | 7 | 9 | 18 |
| Total | 833 | 53 | 366 | 297 | 911 |

### "B"—Continued

### Hydro Municipalities for Year Ended December 31, 1942

| Midland<br>6,475 | Mildmay<br>779 | Mount Forest<br>1,936 | Neustadt<br>414 | Orangeville<br>2,552 | Owen Sound<br>13,503 | Paisley<br>715 |
|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c |
| 37,362.20 | 3,916.33 | 9,233.46 | 2,294.18 | 16,074.54 | 66,554.21 | 4,089.96 |
| 19,394.49 | 2,787.21 | 8,654.14 | 1,198.24 | 10,049.99 | 52,641.55 | 2,539.53 |
| 71,192.57 | 1,065.87 | 5,423.28 | 1,729.33 | 6,405.64 | 64,428.29 | 917.96 |
| 2,948.83 | .......... | 998.40 | .......... | 1,096.42 | .......... | .......... |
| 6,240.09 | 624.73 | 2,219.94 | 686.52 | 2,484.38 | 12,160.50 | 1,154.35 |
| 649.70 | .......... | .......... | .......... | 5.48 | 100.12 | .......... |
| 2,005.44 | 175.98 | 222.15 | 291.65 | 546.54 | 125.03 | 137.90 |
| 139,793.32 | 8,570.12 | 26,751.37 | 6,199.92 | 36,662.99 | 196,009.70 | 8,839.70 |
| | | | | | | |
| 127,518.19 | 4,771.99 | 20,686.29 | 1,833.58 | 29,451.51 | 163,909.78 | 4,992.41 |
| 2,563.99 | .......... | .......... | .......... | .......... | 4,110.53 | .......... |
| 168.60 | .......... | .......... | .......... | .......... | .......... | .......... |
| 4,134.81 | 135.67 | 689.28 | 344.02 | 1,000.28 | 3,407.74 | 549.02 |
| 126.80 | .......... | .......... | 8.90 | 61.64 | 586.65 | .......... |
| 636.38 | 97.05 | 215.20 | 69.70 | 453.46 | 2,853.81 | 134.50 |
| 420.92 | 135.52 | .......... | .......... | 213.00 | 7.70 | .......... |
| 764.36 | 87.40 | 284.30 | 152.81 | 520.80 | 1,409.13 | 87.31 |
| 3.55 | .......... | .......... | .......... | .......... | .......... | .......... |
| 2,034.24 | .......... | 583.56 | .......... | 1,355.74 | 5,045.85 | .......... |
| 1,695.99 | 519.62 | 243.91 | 382.16 | 646.30 | 6,730.72 | 568.04 |
| 1,003.46 | .......... | 28.69 | .......... | 98.85 | 2,783.83 | 10.62 |
| 541.98 | .......... | 149.11 | .......... | .......... | 1,147.29 | .......... |
| .......... | 411.45 | 277.50 | .......... | 3.00 | 145.21 | 135.95 |
| .......... | 633.33 | 1,027.17 | .......... | .......... | .......... | 1,202.92 |
| 13,439.00 | 329.00 | 1,799.00 | 778.00 | 2,706.00 | 9,789.00 | 661.00 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 155,052.27 | 7,121.03 | 25,984.01 | 3,569.17 | 36,510.58 | 201,927.24 | 8,341.77 |
| .......... | 1,449.09 | 767.36 | 2,630.75 | 152.41 | .......... | 497.93 |
| 15,258.95 | .......... | .......... | .......... | .......... | 5,917.54 | .......... |
| | | | | | | |
| 1,694 | 172 | 463 | 104 | 750 | 3,549 | 199 |
| 196 | 54 | 141 | 25 | 150 | 528 | 50 |
| 54 | 2 | 16 | 2 | 25 | 104 | 4 |
| 1,944 | 228 | 620 | 131 | 925 | 4,181 | 253 |

## STATEMENT

## Detailed Operating Reports of Electrical Departments of

**GEORGIAN BAY SYSTEM—Continued**

| Municipality<br>Population | Penetanguishene<br>4,037 | Port Elgin<br>2,061 | Port McNicoll<br>964 | Port Perry<br>1,230 | Priceville<br>P.V. |
|---|---|---|---|---|---|
| EARNINGS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 13,306.04 | 11,716.07 | 4,193.71 | 8,355.87 | 721.86 |
| Commercial light service | 8,759.76 | 5,987.90 | 727.40 | 3,267.53 | 226.42 |
| Commercial power service | 19,709.04 | 3,424.53 | 54.50 | 2,400.29 | 107.14 |
| Municipal power | 2,020.53 | 774.06 | .......... | 384.10 | .......... |
| Street lighting | 2,291.92 | 2,520.54 | 951.45 | 1,710.00 | 480.00 |
| Merchandise | 66.30 | .......... | .......... | .......... | .......... |
| Miscellaneous | 98.08 | 263.56 | 21.40 | 375.00 | 19.99 |
| Total earnings | 46,251.67 | 24,686.66 | 5,948.46 | 16,492.79 | 1,555.41 |
| EXPENSES | | | | | |
| Power purchased | 31,992.96 | 19,096.87 | 3,035.50 | 11,523.79 | 465.25 |
| Substation operation | .......... | .......... | .......... | .......... | .......... |
| Substation maintenance | 146.23 | .......... | .......... | .......... | .......... |
| Distribution system, operation and maintenance | 2,430.82 | 751.21 | 561.47 | 819.20 | 2.35 |
| Line transformer maintenance | 210.67 | 16.49 | .......... | .......... | .......... |
| Meter maintenance | 666.37 | 163.13 | 43.98 | 344.73 | .......... |
| Consumers' premises expenses | 72.89 | 171.07 | .......... | .......... | .......... |
| Street lighting, operation and maintenance | 233.20 | 221.14 | 96.38 | 168.47 | 12.35 |
| Promotion of business | .......... | .......... | .......... | .......... | .......... |
| Billing and collecting | 1,300.27 | 714.03 | 594.97 | 881.15 | .......... |
| General office, salaries and expenses | 1,169.38 | 313.58 | 250.28 | 489.74 | 96.95 |
| Undistributed expenses | 168.60 | 30.31 | 56.75 | .......... | .......... |
| Truck operation and maintenance | 411.49 | 132.22 | .......... | .......... | .......... |
| Interest | 43.96 | 1,198.72 | .......... | 439.85 | .......... |
| Sinking fund and principal payments on debentures | 799.21 | 2,172.48 | .......... | 1,262.89 | .......... |
| Depreciation | 3,971.00 | 1,244.00 | 510.00 | 1,168.00 | 272.00 |
| Other reserves | 1,300.00 | .......... | .......... | .......... | .......... |
| Total operating costs and fixed charges | 44,917.05 | 26,225.25 | 5,149.33 | 17,097.82 | 848.90 |
| Net surplus | 1,334.62 | .......... | 799.13 | .......... | 706.51 |
| Net loss | .......... | 1,538.59 | .......... | 605.03 | .......... |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service | 728 | 491 | 234 | 376 | 34 |
| Commercial light service | 107 | 105 | 20 | 75 | 8 |
| Power service | 22 | 6 | 1 | 11 | 1 |
| Total | 857 | 602 | 255 | 462 | 43 |

"B"—Continued

## Hydro Municipalities for Year Ended December 31, 1942

| Ripley | Rosseau | Shelburne | Southampton | Stayner | Sunderland | Tara |
|---|---|---|---|---|---|---|
| 402 | 233 | 1,050 | 1,561 | 1,150 | P.V. | 490 |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 3,359.72 | 2,897.35 | 5,857.49 | 10,871.80 | 5,559.02 | 3,012.10 | 3,402.37 |
| 1,792.58 | 828.91 | 3,847.21 | 5,486.22 | 3,553.21 | 1,455.62 | 1,436.59 |
| 1,597.22 | .......... | 2,875.38 | 7,785.48 | 2,544.29 | 294.93 | 1,379.20 |
| .......... | .......... | 309.96 | 1,203.58 | 105.08 | .......... | .......... |
| 1,086.70 | 1,410.00 | 862.30 | 2,467.68 | 1,179.00 | 708.92 | 927.00 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 65.71 | 30.00 | 302.45 | 31.02 | 114.58 | 30.00 | 113.28 |
| 7,901.93 | 5,166.26 | 14,054.79 | 27,845.78 | 13,055.18 | 5,501.57 | 7,258.44 |
| | | | | | | |
| 5,170.68 | 1,916.90 | 9,858.94 | 20,883.01 | 10,119.91 | 3,274.32 | 4,150.46 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 84.34 | 199.60 | 371.48 | 1,159.33 | 709.52 | 413.99 | 387.26 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| .......... | .......... | 210.72 | 309.18 | 219.33 | 47.02 | 13.90 |
| .......... | .......... | .......... | 206.05 | .......... | .......... | .......... |
| 45.12 | 84.00 | 175.46 | 178.47 | 188.50 | 141.47 | 177.74 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| .......... | 248.37 | 625.25 | 1,076.26 | 731.59 | 337.63 | .......... |
| 488.84 | 67.28 | 147.90 | 644.93 | 315.25 | 272.13 | 670.98 |
| .......... | .......... | 4.83 | 55.81 | 13.75 | .......... | .......... |
| .......... | .......... | .......... | 101.83 | .......... | .......... | .......... |
| 393.12 | 574.62 | .......... | 608.61 | .......... | 2.24 | .......... |
| 645.01 | 563.27 | .......... | 1,706.93 | .......... | .......... | .......... |
| 624.00 | 340.00 | 1,318.00 | 1,316.00 | 1,211.00 | 407.00 | 771.00 |
| .......... | 50.00 | .......... | .......... | .......... | .......... | .......... |
| 7,451.11 | 4,044.04 | 12,712.58 | 28,246.41 | 13,508.85 | 4,895.80 | 6,171.34 |
| 450.82 | 1,122.22 | 1,342.21 | .......... | .......... | 605.77 | 1,087.10 |
| .......... | .......... | .......... | 400.63 | 453.67 | .......... | .......... |
| | | | | | | |
| 116 | 70 | 302 | 550 | 313 | 136 | 157 |
| 46 | 14 | 81 | 97 | 94 | 35 | 34 |
| 1 | .......... | 13 | 12 | 15 | 2 | 5 |
| 163 | 84 | 396 | 659 | 422 | 173 | 196 |

## STATEMENT

### Detailed Operating Reports of Electrical Departments of

**GEORGIAN BAY SYSTEM—Continued**

| Municipality | Teeswater | Thornton | Tottenham | Uxbridge | Victoria Harbour |
|---|---|---|---|---|---|
| Population | 843 | P.V. | 476 | 1,366 | 991 |
| EARNINGS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 4,806.05 | 1,640.27 | 3,926.71 | 9,242.50 | 3,654.57 |
| Commercial light service | 2,803.23 | 441.94 | 1,398.07 | 4,468.45 | 922.55 |
| Commercial power service | 912.45 | 286.10 | 1,474.11 | 2,617.88 | 112.19 |
| Municipal power | 180.00 | | 184.67 | | |
| Street lighting | 982.52 | 475.00 | 882.00 | 1,719.97 | 663.00 |
| Merchandise | | | | 24.21 | |
| Miscellaneous | 143.39 | 7.50 | 16.37 | 14.70 | 37.50 |
| Total earnings | 9,827.64 | 2,850.81 | 7,881.93 | 18,087.71 | 5,389.81 |
| EXPENSES | | | | | |
| Power purchased | 5,561.81 | 1,366.59 | 5,020.25 | 12,682.28 | 2,837.42 |
| Substation operation | | | | | |
| Substation maintenance | | | | | |
| Distribution system, operation and maintenance | 249.06 | 94.95 | 298.80 | 697.20 | 274.94 |
| Line transformer maintenance | | | | | |
| Meter maintenance | 88.38 | | 36.35 | 321.21 | 115.60 |
| Consumers' premises expenses | 87.27 | | | 46.82 | |
| Street lighting, operation and maintenance | 104.48 | 22.51 | 114.20 | 135.65 | 129.65 |
| Promotion of business | | | | | |
| Billing and collecting | | | 292.36 | 674.54 | 674.13 |
| General office, salaries and expenses | 675.32 | 117.74 | 186.58 | 494.75 | 383.66 |
| Undistributed expenses | | | | 49.48 | |
| Truck operation and maintenance | | | | | |
| Interest | | | 221.49 | | |
| Sinking fund and principal payments on debentures | | | 609.52 | | |
| Depreciation | 1,000.00 | 424.00 | 586.00 | 959.00 | 617.00 |
| Other reserves | 1,000.00 | | | 1,000.00 | |
| Total operating costs and fixed charges | 8,766.32 | 2,025.79 | 7,355.55 | 17,060.93 | 5,032.40 |
| Net surplus | 1,061.32 | 825.02 | 526.38 | 1,026.78 | 357.41 |
| Net loss | | | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service | 231 | 67 | 142 | 399 | 260 |
| Commercial light service | 55 | 11 | 39 | 94 | 28 |
| Power service | 3 | 2 | 8 | 11 | 1 |
| Total | 289 | 80 | 189 | 504 | 289 |

**"B"—Continued**

## Hydro Municipalities for Year Ended December 31, 1942

| Walkerton 2,617 | Waubaushene P.V. | Wiarton 1,704 | Windermere 118 | Wingham 2,061 | Woodville 427 | GEORGIAN BAY SYSTEM SUMMARY |
|---:|---:|---:|---:|---:|---:|---:|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 18,429.08 | 3,313.41 | 7,727.07 | 2,651.05 | 13,050.79 | 2,247.66 | 577,155.86 |
| 11,189.87 | 598.78 | 7,987.66 | 1,250.23 | 8,824.92 | 944.36 | 351,708.14 |
| 9,885.95 | 56.95 | 2,467.52 | 135.85 | 9,894.60 | 571.17 | 403,064.38 |
| 535.28 | 130.38 | 1,560.62 | ... | 1,278.06 | ... | 26,228.10 |
| 2,882.03 | 482.00 | 2,199.37 | 325.00 | 3,496.86 | 638.32 | 103,759.51 |
| 868.92 | ... | ... | ... | 677.62 | ... | 2,976.29 |
| 90.00 | ... | 444.28 | 61.91 | ... | 218.44 | 12,781.59 |
| 43,881.13 | 4,581.52 | 22,386.52 | 4,424.04 | 37,222.85 | 4,619.95 | 1,477,673.87 |
| 29,398.42 | 3,116.72 | 11,616.18 | 1,368.63 | 22,621.64 | 2,804.60 | 1,088,798.80 |
| ... | ... | ... | ... | 1,843.73 | ... | 9,522.52 |
| ... | ... | ... | ... | ... | ... | 1,228.25 |
| 1,832.28 | 153.67 | 635.43 | 146.04 | 1,720.89 | 576.40 | 56,211.02 |
| 153.49 | ... | ... | ... | ... | ... | 1,757.74 |
| 499.00 | 20.20 | 213.57 | 100.44 | 587.88 | 19.57 | 14,178.70 |
| 109.95 | ... | ... | ... | 101.85 | ... | 3,841.01 |
| 602.77 | 62.04 | 313.12 | 61.25 | 549.10 | 89.66 | 13,965.83 |
| ... | ... | ... | ... | ... | ... | 924.45 |
| 1,135.34 | 311.75 | 659.83 | ... | 826.28 | 324.46 | 40,425.48 |
| 1,650.70 | 206.60 | 793.70 | 207.34 | 1,232.20 | 143.46 | 41,236.81 |
| 221.55 | ... | 190.78 | 1.07 | 480.29 | ... | 9,070.98 |
| 220.97 | ... | 225.04 | ... | 80.92 | ... | 6,418.36 |
| 1,951.77 | 31.35 | 1,246.41 | 419.93 | 1,465.31 | 70.38 | 13,766.07 |
| 3,103.51 | ... | 1,754.66 | 612.35 | 1,693.63 | 234.38 | 35,957.25 |
| 1,929.00 | 451.00 | 1,086.00 | 424.00 | 4,037.00 | 293.00 | 103,059.89 |
| ... | ... | 2,100.00 | ... | ... | ... | 21,273.12 |
| 42,808.75 | 4,353.33 | 20,834.72 | 3,341.05 | 37,240.72 | 4,555.91 | 1,461,636.28 |
| 1,072.38 | 228.19 | 1,551.80 | 1,082.99 | ... | 64.04 | 16,037.59 |
| ... | ... | ... | ... | 17.87 | ... | ... |
| 664 | 226 | 410 | 64 | 580 | 119 | 25,534 |
| 140 | 21 | 100 | 14 | 145 | 25 | 5,028 |
| 20 | 3 | 15 | 1 | 22 | 2 | 704 |
| 824 | 250 | 525 | 79 | 747 | 146 | 31,266 |

## STATEMENT

## Detailed Operating Reports of Electrical Departments of

### EASTERN ONTARIO SYSTEM

| Municipality | Alexandria | Apple Hill | Arnprior | Athens | Bath |
|---|---|---|---|---|---|
| Population | 1,952 | P.V. | 3,949 | 676 | 352 |
| EARNINGS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 7,275.45 | 1,430.90 | 18,284.19 | 3,053.22 | 2,348.65 |
| Commercial light service | 4,879.13 | 961.30 | 9,897.31 | 1,622.83 | 713.37 |
| Commercial power service | 2,776.31 | 500.48 | 15,734.38 | 834.97 | ......... |
| Municipal power | 942.20 | ......... | 2,440.23 | ......... | ......... |
| Street lighting | 1,903.75 | 476.60 | 3,461.62 | 1,169.35 | 420.00 |
| Merchandise | 25.29 | ......... | ......... | ......... | ......... |
| Miscellaneous | 646.52 | 60.00 | 622.75 | 171.88 | ......... |
| Total earnings | 18,448.65 | 3,429.28 | 50,440.48 | 6,852.25 | 3,482.02 |
| EXPENSES | | | | | |
| Power purchased | 9,441.68 | 1,977.81 | 27,175.74 | 4,807.93 | 1,814.47 |
| Substation operation | ......... | ......... | ......... | ......... | ......... |
| Substation maintenance | ......... | ......... | ......... | ......... | ......... |
| Distribution system, operation and maintenance | 855.33 | 53.89 | 1,629.91 | 236.34 | 75.64 |
| Line transformer maintenance | 37.68 | ......... | 162.21 | 9.84 | ......... |
| Meter maintenance | 173.30 | 14.99 | 776.19 | 94.05 | ......... |
| Consumers' premises expenses | ......... | ......... | 277.45 | ......... | ......... |
| Street lighting, operation and maintenance | 230.33 | 57.96 | 236.24 | 58.72 | 27.75 |
| Promotion of business | ......... | ......... | 88.00 | ......... | ......... |
| Billing and collecting | 1,006.76 | ......... | 2,660.67 | 241.90 | ......... |
| General office, salaries and expenses | 769.79 | 295.83 | 2,195.46 | 75.29 | 253.60 |
| Undistributed expenses | 50.38 | ......... | 39.54 | 1.77 | ......... |
| Truck operation and maintenance | 354.70 | ......... | ......... | ......... | ......... |
| Interest | ......... | 9.59 | 1,319.07 | 366.17 | 284.39 |
| Sinking fund and principal payments on debentures | ......... | 77.59 | 2,743.06 | 805.34 | 348.26 |
| Depreciation | 1,845.00 | 238.00 | 1,304.00 | 648.00 | 269.00 |
| Other reserves | 1,800.00 | ......... | 5,000.00 | ......... | ......... |
| Total operating costs and fixed charges | 16,564.95 | 2,725.66 | 45,607.54 | 7,345.35 | 3,073.11 |
| Net surplus | 1,883.70 | 703.62 | 4,832.94 | ......... | 408.91 |
| Net loss | ......... | ......... | ......... | 493.10 | ......... |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service | 390 | 67 | 846 | 163 | 56 |
| Commercial light service | 99 | 21 | 145 | 42 | 10 |
| Power service | 15 | 2 | 19 | 1 | ......... |
| Total | 504 | 90 | 1,010 | 206 | 66 |

**"B"—Continued**

## Hydro Municipalities for Year Ended December 31, 1942

| Belleville<br>15,001 | Bloomfield<br>612 | Bowmanville<br>3,725 | Brighton<br>1,465 | Brockville<br>10,463 | Cardinal<br>1,642 | Carleton Place<br>4,258 |
|---:|---:|---:|---:|---:|---:|---:|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c |
| 94,659.94 | 3,311.62 | 32,483.16 | 11,036.95 | 62,355.67 | 8,396.54 | 22,106.36 |
| 60,452.20 | 2,305.35 | 10,976.96 | 4,355.62 | 29,035.55 | 2,426.37 | 9,122.07 |
| 50,230.96 | 1,232.95 | 58,610.04 | 4,353.87 | 47,046.53 | 356.97 | 27,549.87 |
| 4,191.41 | .......... | .......... | .......... | 6,430.53 | .......... | 1,484.06 |
| 10,854.96 | 838.10 | 3,878.28 | 2,017.83 | 9,016.50 | 974.00 | 4,806.52 |
| 2,314.46 | .......... | .......... | 177.95 | .......... | .......... | .......... |
| 2,454.79 | 82.50 | 3,205.49 | 119.75 | 5,540.73 | 150.00 | 1,380.65 |
| 225,158.72 | 7,770.52 | 109,153.93 | 22,061.97 | 159,425.51 | 12,303.88 | 66,449.53 |
| 176,922.04 | 4,305.77 | 78,211.31 | 11,155.47 | 121,557.52 | 8,333.59 | 47,011.64 |
| 1,752.88 | .......... | 70.37 | .......... | 5,725.28 | .......... | 140.27 |
| .......... | .......... | .......... | .......... | 1,013.11 | .......... | .......... |
| 1,996.21 | 234.00 | 3,301.15 | 1,426.36 | 2,343.23 | 678.33 | 1,856.08 |
| 295.95 | .......... | 277.99 | 53.60 | 298.92 | 17.85 | 105.57 |
| 2,082.23 | 62.02 | 610.75 | 284.23 | 2,329.94 | 158.54 | 385.95 |
| 1,441.91 | .......... | 112.27 | 82.39 | .......... | .......... | 650.01 |
| 1,718.18 | 170.21 | 547.53 | 256.14 | 1,200.48 | 153.27 | 552.74 |
| .......... | .......... | 159.59 | .......... | .......... | .......... | 51.20 |
| 3,874.28 | 295.66 | 2,619.04 | 596.70 | 3,119.86 | 419.31 | 1,773.74 |
| 6,517.29 | 67.56 | 2,969.06 | 1,362.23 | 5,733.29 | 246.33 | 3,332.75 |
| 1,710.20 | .......... | 889.92 | 212.07 | 1,330.82 | 25.65 | 440.86 |
| 1,246.84 | .......... | .......... | 291.31 | 666.30 | .......... | 681.38 |
| .......... | 194.67 | 150.00 | 297.84 | .......... | 397.75 | 1,101.64 |
| .......... | 386.52 | 5,000.00 | 1,534.70 | .......... | 775.88 | 4,071.11 |
| 10,294.00 | 640.00 | 3,055.00 | 864.00 | 11,928.00 | 580.00 | 2,800.00 |
| 8,000.00 | .......... | 5,500.00 | 2,000.00 | .......... | .......... | .......... |
| 217,852.01 | 6,356.41 | 103,473.98 | 20,417.04 | 157,246.75 | 11,786.50 | 64,954.94 |
| 7,306.71 | 1,414.11 | 5,679.95 | 1,644.93 | 2,178.76 | 517.38 | 1,494.59 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 3,491 | 174 | 1,199 | 552 | 3,014 | 384 | 1.067 |
| 693 | 42 | 155 | 94 | 403 | 58 | 182 |
| 104 | 7 | 27 | 10 | 74 | 2 | 17 |
| 4,288 | 223 | 1,381 | 656 | 3,491 | 444 | 1,266 |

## STATEMENT

## Detailed Operating Reports of Electrical Departments of

**EASTERN ONTARIO SYSTEM—Continued**

| Municipality | Chester-ville | Cobden | Cobourg | Colborne | Deseronto |
|---|---|---|---|---|---|
| Population | 1,073 | 659 | 5,383 | 952 | 1,002 |
| EARNINGS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 5,005.57 | 2,392.63 | 38,545.53 | 6,267.73 | 6,650.46 |
| Commercial light service | 3,879.88 | 2,140.21 | 19,729.49 | 2,803.06 | 3,068.77 |
| Commercial power service | 2,478.14 | 323.76 | 26,608.86 | 624.80 | 1,209.12 |
| Municipal power | .......... | .......... | 2,375.06 | 199.93 | 785.92 |
| Street lighting | 1,109.40 | 703.00 | 5,653.92 | 1,480.00 | 1,666.00 |
| Merchandise | 10.22 | .......... | 28.55 | 540.59 | 67.87 |
| Miscellaneous | 409.50 | 136.61 | 1,060.88 | 126.24 | 148.21 |
| Total earnings | 12,892.71 | 5,696.21 | 94,002.29 | 12,042.35 | 13,596.35 |
| EXPENSES | | | | | |
| Power purchased | 8,701.12 | 3,837.81 | 66,044.90 | 6,362.13 | 6,388.41 |
| Substation operation | .......... | .......... | .......... | .......... | .......... |
| Substation maintenance | .......... | .......... | .......... | .......... | .......... |
| Distribution system, operation and maintenance | 953.53 | 164.21 | 2,053.28 | 862.17 | 2,286.44 |
| Line transformer maintenance | .......... | .......... | 424.34 | .......... | .......... |
| Meter maintenance | 210.16 | 15.30 | 1,709.36 | 172.94 | 95.67 |
| Consumers' premises expenses | 46.55 | .......... | 390.92 | .......... | .......... |
| Street lighting, operation and maintenance | 152.56 | 72.44 | 1,036.99 | 163.83 | 439.99 |
| Promotion of business | .......... | .......... | .......... | .......... | .......... |
| Billing and collecting | 581.86 | 427.03 | 3,826.95 | 923.90 | 748.47 |
| General office, salaries and expenses | 545.68 | 140.73 | 3,397.99 | 825.18 | 868.15 |
| Undistributed expenses | .......... | .......... | 748.59 | 18.13 | 59.15 |
| Truck operation and maintenance | .......... | .......... | 281.20 | 150.66 | 433.23 |
| Interest | .......... | 250.73 | 1,964.01 | 513.99 | .......... |
| Sinking fund and principal payments on debentures | .......... | 649.27 | 5,319.15 | 649.92 | .......... |
| Depreciation | 744.00 | 175.00 | 4,968.00 | 450.00 | 550.00 |
| Other reserves | .......... | .......... | .......... | .......... | .......... |
| Total operating costs and fixed charges | 11,935.46 | 5,732.52 | 92,165.68 | 11,092.85 | 11,869.51 |
| Net surplus | 957.25 | .......... | 1,836.61 | 949.50 | 1,726.84 |
| Net loss | .......... | 36.31 | .......... | .......... | .......... |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service | 245 | 147 | 1.406 | 275 | 347 |
| Commercial light service | 69 | 49 | 214 | 68 | 60 |
| Power service | 4 | 1 | 47 | 5 | 5 |
| Total | 318 | 197 | 1,667 | 348 | 412 |

## "B"—Continued

## Hydro Municipalities for Year Ended December 31, 1942

| Finch<br>393 | Hastings<br>763 | Havelock<br>907 | Iroquois<br>1,104 | Kemptville<br>1,159 | Kingston<br>28,345 |
|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 2,376.43 | 4,033.78 | 4,459.67 | 6,384.70 | 7,596.64 | 193,669.75 |
| 1,858.36 | 2,259.52 | 2,416.39 | 3,487.78 | 4,916.71 | 131,514.83 |
| 321.67 | 190.97 | 1,820.22 | 478.75 | 4,359.93 | 141,297.66 |
| ............ | ............ | ............ | 1,358.09 | ............ | 12,003.92 |
| 507.00 | 1,280.90 | 1,465.50 | 908.68 | 1,748.59 | 21,077.09 |
| ............ | ............ | ............ | 187.09 | ............ | 164.28 |
| 151.09 | 220.36 | 509.72 | 174.58 | 1,139.64 | 6,220.14 |
| 5,214.55 | 7,985.53 | 10,671.50 | 12,979.67 | 19,761.51 | 505,947.67 |
| | | | | | |
| 3,265.47 | 3,575.92 | 5,406.28 | 6,027.04 | 11,855.15 | 342,634.56 |
| ............ | ............ | ............ | ............ | ............ | 6,296.87 |
| ............ | ............ | ............ | ............ | ............ | 893.97 |
| 195.01 | 553.43 | 791.81 | 1,128.62 | 981.94 | 18,544.97 |
| ............ | ............ | ............ | 188.80 | 16.86 | 1,739.54 |
| 49.32 | 27.91 | ............ | 103.38 | 196.86 | 4,668.18 |
| ............ | ............ | ............ | ............ | 136.93 | 3,203.70 |
| 103.26 | 183.99 | 197.59 | 283.43 | 103.12 | 5,537.45 |
| ............ | ............ | ............ | ............ | 264.11 | 137.46 |
| ............ | ............ | ............ | 643.63 | 1,142.41 | 6,350.38 |
| 340.88 | 549.62 | 892.58 | 129.32 | 358.50 | 15,681.94 |
| ............ | 18.88 | ............ | 29.93 | 48.06 | 8,332.06 |
| ............ | ............ | 379.82 | ............ | 190.63 | 3,220.73 |
| 198.96 | 728.86 | 19.74 | ............ | 741.19 | 2,475.10 |
| 420.23 | 1,028.76 | 329.00 | ............ | 1,075.03 | 3,069.50 |
| 370.00 | 705.00 | 1,143.00 | 272.00 | 1,385.00 | 35,197.00 |
| ............ | ............ | ............ | 2,000.00 | ............ | 23,982.13 |
| 4,943.13 | 7,372.37 | 9,159.82 | 10,806.15 | 18,495.79 | 481,965.54 |
| 271.42 | 613.16 | 1,511.68 | 2,173.52 | 1,265.72 | 23,982.13 |
| ............ | ............ | ............ | ............ | ............ | ............ |
| | | | | | |
| 102 | 228 | 284 | 272 | 362 | 7,655 |
| 33 | 53 | 53 | 94 | 81 | 1,085 |
| 1 | 3 | 2 | 3 | 5 | 137 |
| 136 | 284 | 339 | 369 | 448 | 8,877 |

## STATEMENT

## Detailed Operating Reports of Electrical Departments of

**EASTERN ONTARIO SYSTEM—Continued**

| Municipality | Lakefield | Lanark | Lancaster | Lindsay | Madoc |
|---|---|---|---|---|---|
| Population | 1,267 | 660 | 582 | 7,773 | 1,130 |
| EARNINGS | $ c. | $ c. | $ c. | $ c. | $ c |
| Domestic service | 6,752.92 | 2,776.91 | 2,145.31 | 46,916.13 | 5,178.29 |
| Commercial light service | 4,590.52 | 1,712.62 | 1,177.92 | 30,518.36 | 3,984.63 |
| Commercial power service | 4,866.42 | .......... | .......... | 58,068.65 | 1,333.47 |
| Municipal power | .......... | .......... | .......... | 3,445.71 | .......... |
| Street lighting | 1,689.02 | 562.69 | 492.00 | 6,320.86 | 1,290.50 |
| Merchandise | .......... | .......... | .......... | .......... | .......... |
| Miscellaneous | 290.94 | 172.55 | .......... | 2,595.68 | 198.94 |
| Total earnings | 18,189.82 | 5,224.77 | 3,815.23 | 147,865.39 | 11,985.83 |
| EXPENSES | | | | | |
| Power purchased | 9,829.34 | 3,202.48 | 2,094.89 | 110,823.05 | 7,771.37 |
| Substation operation | .......... | .......... | .......... | .......... | .......... |
| Substation maintenance | .......... | .......... | .......... | .......... | .......... |
| Distribution system, operation and maintenance | 614.30 | 188.95 | 93.55 | 2,095.20 | 1,139.86 |
| Line transformer maintenance | .......... | .......... | .......... | 744.11 | .......... |
| Meter maintenance | 230.28 | 74.50 | 92.81 | 1,256.13 | 92.71 |
| Consumers' premises expenses | .......... | .......... | .......... | 963.89 | .......... |
| Street lighting, operation and maintenance | 119.69 | 46.98 | 50.70 | 2,115.42 | 125.10 |
| Promotion of business | .......... | .......... | .......... | 341.66 | .......... |
| Billing and collecting | 381.49 | .......... | 316.52 | 3,819.86 | 511.02 |
| General office, salaries and expenses | 686.73 | 440.16 | 164.23 | 7,139.52 | 583.82 |
| Undistributed expenses | 62.95 | .......... | .......... | 1,367.32 | 10.50 |
| Truck operation and maintenance | 312.68 | .......... | .......... | 623.46 | .......... |
| Interest | 1,109.89 | .......... | 1.39 | 2,820.12 | .......... |
| Sinking fund and principal payments on debentures | 1,455.47 | .......... | .......... | 7,413.50 | .......... |
| Depreciation | 1,446.00 | 407.00 | 386.00 | 5,736.00 | 538.00 |
| Other reserves | .......... | .......... | .......... | .......... | .......... |
| Total operating costs and fixed charges | 16,248.82 | 4,360.07 | 3,200.09 | 147,259.24 | 10,772.38 |
| Net surplus | 1,941.00 | 864.70 | 615.14 | 606.15 | 1,213.45 |
| Net loss | .......... | .......... | .......... | .......... | .......... |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service | 345 | 169 | 108 | 2,104 | 308 |
| Commercial light service | 70 | 41 | 29 | 325 | 84 |
| Power service | 8 | .......... | .......... | 70 | 4 |
| Total | 423 | 210 | 137 | 2,499 | 396 |

**"B"—Continued**

### Hydro Municipalities for Year Ended December 31, 1942

| Marmora<br>983 | Martintown<br>P.V. | Maxville<br>811 | Millbrook<br>763 | Morrisburg<br>1,518 | Napanee<br>3,277 | Newcastle<br>686 |
|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 4,480.06 | 759.57 | 3,296.02 | 4,349.32 | 9,539.55 | 26,350.62 | 5,625.22 |
| 2,114.47 | 875.46 | 2,734.72 | 2,021.92 | 6,428.34 | 18,000.77 | 2,697.11 |
| 259.54 | .......... | .......... | 780.68 | 2,555.46 | 10,641.36 | 2,937.48 |
| .......... | .......... | .......... | .......... | 324.07 | 264.22 | .......... |
| 1,298.00 | 171.92 | 1,155.96 | 783.50 | 2,524.16 | 3,981.70 | 647.70 |
| .......... | .......... | .......... | .......... | .......... | 1,020.92 | .......... |
| 60.79 | 68.60 | 122.85 | 35.28 | 345.89 | 84.27 | .......... |
| 8,212.86 | 1,875.55 | 7,309.55 | 7,970.70 | 21,717.47 | 60,343.86 | 11,907.51 |
| | | | | | | |
| 4,526.70 | 1,110.97 | 4,474.55 | 2,743.74 | 7,290.22 | 38,029.67 | 6,163.66 |
| .......... | .......... | .......... | .......... | 2,320.95 | .......... | .......... |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 888.94 | 180.49 | 169.87 | 311.42 | 1,045.89 | 4,960.94 | 480.08 |
| .......... | .......... | 40.65 | 84.20 | 31.44 | 288.51 | .......... |
| .......... | 58.06 | 112.26 | 308.04 | 141.16 | 712.51 | 58.78 |
| .......... | .......... | .......... | 32.93 | .......... | 357.82 | .......... |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 124.35 | 45.85 | 184.47 | 135.97 | 141.55 | 499.23 | 111.52 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| .......... | .......... | 317.55 | 782.72 | 724.98 | 2,314.18 | 670.46 |
| 1,062.98 | 163.67 | 107.23 | 731.54 | 506.17 | 7,108.84 | 292.66 |
| 18.63 | .......... | 7.72 | .......... | 147.42 | 2,480.94 | 18.57 |
| .......... | .......... | .......... | .......... | 129.39 | 43.27 | .......... |
| .......... | | .......... | 229.04 | 1,002.11 | .......... | 2.32 |
| .......... | | .......... | 445.46 | 4,289.52 | .......... | .......... |
| 672.00 | 195.00 | 682.00 | 208.00 | 780.00 | 2,382.00 | 878.00 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 7,293.60 | 1,754.04 | 6,096.30 | 6,013.06 | 18,550.80 | 59,177.91 | 8,676.05 |
| 919.26 | 121.51 | 1,213.25 | 1,957.64 | 3.166.67 | 1,165.95 | 3,231.46 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| | | | | | | |
| 240 | 51 | 163 | 170 | 406 | 874 | 226 |
| 41 | 24 | 48 | 60 | 98 | 200 | 35 |
| 2 | .......... | .......... | 3 | 14 | 25 | 4 |
| 283 | 75 | 211 | 233 | 518 | 1,099 | 265 |

## STATEMENT

## Detailed Operating Reports of Electrical Departments of

**EASTERN ONTARIO SYSTEM—Continued**

| Municipality | Norwood | Omemee | Orono | Oshawa |
|---|---|---|---|---|
| Population | 710 | 641 | P.V. | 26,428 |
| EARNINGS | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 4,954.26 | 3,374.38 | 4,454.91 | 228,017.86 |
| Commercial light service | 2,228.66 | 993.14 | 2,144.03 | 82,619.77 |
| Commercial power service | 539.40 | 2,863.23 | 53.22 | 312,613.82 |
| Municipal power | | | | 9,933.99 |
| Street lighting | 1,573.75 | 994.64 | 754.18 | 12,105.21 |
| Merchandise | | | | |
| Miscellaneous | 648.45 | 142.48 | | 11,380.97 |
| Total earnings | 9,944.52 | 8,367.87 | 7,406.34 | 656.671.62 |
| EXPENSES | | | | |
| Power purchased | 4,401.37 | 5,510.41 | 2,777.73 | 478,613.71 |
| Substation operation | | | | 254.69 |
| Substation maintenance | | | | |
| Distribution system, operation and maintenance | 412.44 | 789.44 | 273.22 | 10,308.43 |
| Line transformer maintenance | | | 20.00 | 317.36 |
| Meter maintenance | 16.18 | 78.92 | 41.22 | 4,831.38 |
| Consumers' premises expenses | | | 6.78 | 12,943.50 |
| Street lighting, operation and maintenance | 129.33 | 122.28 | 93.50 | 2,149.62 |
| Promotion of business | | | | 192.87 |
| Billing and collecting | | | 544.46 | 13,261.18 |
| General office, salaries and expenses | 734.18 | 357.22 | 389.72 | 11,084.66 |
| Undistributed expenses | | | 19.15 | 5,716.21 |
| Truck operation and maintenance | 289.68 | | | |
| Interest | 1,025.96 | | 145.76 | 3,504.88 |
| Sinking fund and principal payments on debentures | 1,723.75 | | 852.10 | 18,000.00 |
| Depreciation | 1,348.00 | 936.00 | 186.00 | 15,185.00 |
| Other reserves | | | 1,000.00 | 50,000.00 |
| Total operating costs and fixed charges | 10,080.89 | 7,794.27 | 6,349.64 | 626,363.49 |
| Net surplus | | 573.60 | 1,056.70 | 30,308.13 |
| Net loss | 136.37 | | | |
| NUMBER OF CONSUMERS | | | | |
| Domestic service | 234 | 177 | 179 | 6,585 |
| Commercial light service | 55 | 31 | 37 | 694 |
| Power service | 3 | 6 | 1 | 113 |
| Total | 292 | 214 | 217 | 7,392 |

**'B"—Continued**

### Hydro Municipalities for Year Ended December 31, 1942

| Ottawa | Perth | Peterborough | Picton | Port Hope | Prescott | Richmond |
|---|---|---|---|---|---|---|
| 154,585 | 4,286 | 25,529 | 3,570 | 4,962 | 3,120 | 421 |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 617,824.21 | 26,261.71 | 198,088.56 | 25,283.67 | 31,742.92 | 21,784.45 | 2,485.83 |
| 248,809.70 | 15,990.55 | 97,625.75 | 16,251.46 | 14,663.30 | 12,893.56 | 1,302.80 |
| 66,687.44 | 16,449.59 | 151,491.93 | 4,290.43 | 33,571.47 | 9,237.86 | ........ |
| 22,593.50 | 1,065.94 | 6,696.34 | 1,993.61 | 1,552.93 | 1,348.26 | ........ |
| 81,812.56 | 2,836.00 | 22,385.20 | 3,836.36 | 4,146.92 | 4,063.10 | 390.00 |
| ........ | 2,889.39 | ........ | 2,070.61 | 123.12 | ........ | ........ |
| 5,520.57 | 3,345.01 | 3,344.90 | 1,037.81 | 747.45 | 151.17 | ........ |
| 1,043,247.98 | 68,838.19 | 479,632.68 | 54,763.95 | 86,548.11 | 49,478.40 | 4,178.63 |
| 537,598.79 | 44,691.92 | 305,883.91 | 36,477.98 | 69,306.94 | 35,492.60 | 2,647.56 |
| 33,643.67 | 394.42 | 6,852.51 | ........ | ........ | 1,523.70 | ........ |
| 3,332.78 | ........ | 1,427.38 | ........ | ........ | ........ | ........ |
| 24,708.96 | 2,038.47 | 10,804.35 | 1,861.87 | 1,517.31 | 3,110.03 | 141.95 |
| 3,041.48 | 136.67 | 1,335.99 | 23.38 | 293.47 | 43.25 | ........ |
| 12,790.51 | 570.87 | 6,940.73 | 320.47 | 1,042.60 | 314.96 | 56.56 |
| 3,697.06 | 19.50 | 18,843.71 | 4.95 | 655.73 | 362.84 | ........ |
| 32,614.33 | 277.40 | 6,566.16 | 381.84 | 1,356.50 | 557.58 | 44.51 |
| 4,698.21 | 108.95 | 93.61 | ........ | ........ | ........ | ........ |
| 51,711.80 | 1,922.53 | 9,589.57 | 1,100.64 | 2,565.61 | 1,336.24 | ........ |
| 28,650.41 | 3,739.78 | 7,182.47 | 2,325.43 | 4,183.93 | 2,550.96 | 250.44 |
| 20,187.87 | 881.98 | 6,412.22 | 516.02 | 1,094.47 | 623.96 | ........ |
| 3,624.46 | 615.02 | 2,993.33 | 247.02 | 287.48 | ........ | ........ |
| 30,631.83 | 2,185.86 | 26,256.13 | ........ | ........ | 71.55 | 184.89 |
| ........ | 3,073.41 | 9,071.38 | ........ | ........ | ........ | 376.89 |
| 108,758.00 | 4,791.00 | 23,099.00 | 2,609.00 | 3,327.00 | 3,740.00 | 294.00 |
| 52,694.84 | 2,000.00 | 400.00 | 5,000.00 | ........ | ........ | ........ |
| 952,385.00 | 67,447.78 | 443,752.45 | 50,868.60 | 85,631.04 | 49,727.67 | 3,996.80 |
| 90,862.98 | 1,390.41 | 35,880.23 | 3,895.35 | 917.07 | ........ | 181.83 |
| ........ | ........ | ........ | ........ | ........ | 249.27 | ........ |
| 15,177 | 1,061 | 6,540 | 1,150 | 1,437 | 775 | 84 |
| 1,456 | 197 | 904 | 202 | 212 | 161 | 21 |
| 204 | 27 | 165 | 34 | 37 | 23 | ........ |
| 16,837 | 1,285 | 7,609 | 1,386 | 1,686 | 959 | 105 |

## STATEMENT

## Detailed Operating Reports of Electrical Departments of

**EASTERN ONTARIO SYSTEM—Concluded**

| Municipality<br>Population | Russell<br>P.V. | Smiths Falls<br>7,418 | Stirling<br>922 | Trenton<br>7,636 | Tweed<br>1,242 |
|---|---|---|---|---|---|
| EARNINGS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 2,966.38 | 50,626.81 | 5,668.14 | 47,906.88 | 6,409.18 |
| Commercial light service | 1,322.66 | 17,268.63 | 3,314.77 | 26,320.43 | 4,597.58 |
| Commercial power service | .......... | 26,087.25 | 1,222.15 | 80,695.11 | 3,728.75 |
| Municipal power | .......... | 952.85 | 261.27 | 4,410.20 | 339.93 |
| Street lighting | 848.00 | 7,441.95 | 1,708.39 | 8,321.17 | 1,817.66 |
| Merchandise | .......... | .......... | 23.77 | 400.83 | .......... |
| Miscellaneous | 153.75 | 3,397.53 | 371.40 | 1,808.56 | 231.06 |
| Total earnings | 5,290.79 | 105,775.02 | 12,569.89 | 169,863.18 | 17,124.16 |
| EXPENSES | | | | | |
| Power purchased | 2,764.13 | 66,441.77 | 7,126.67 | 117,997.29 | 9,524.44 |
| Substation operation | .......... | 518.93 | .......... | .......... | .......... |
| Substation maintenance | .......... | 600.83 | 272.80 | 287.19 | .......... |
| Distribution system, operation and maintenance | 292.53 | 4,117.44 | 598.73 | 1,661.85 | 498.10 |
| Line transformer maintenance | .......... | 207.33 | 18.50 | 80.29 | 16.20 |
| Meter maintenance | 6.70 | 991.14 | 68.80 | 2,247.23 | 115.59 |
| Consumers' premises expenses | .......... | 2,628.06 | .......... | 1,099.97 | .......... |
| Street lighting, operation and maintenance | 113.49 | 1,631.54 | 244.78 | 745.95 | 415.69 |
| Promotion of business | .......... | 233.90 | .......... | 3.28 | 3.00 |
| Billing and collecting | .......... | 3,650.96 | 495.45 | 3,587.55 | 599.43 |
| General office, salaries and expenses | 503.63 | 3,114.44 | 1,172.64 | 6,168.40 | 256.08 |
| Undistributed expenses | .......... | 2,174.70 | 48.38 | 1,802.09 | 15.02 |
| Truck operation and maintenance | .......... | 1,183.98 | 194.05 | 532.94 | .......... |
| Interest | 161.32 | 56.27 | .......... | 767.71 | 157.59 |
| Sinking fund and principal payments on debentures | 675.47 | 1,023.19 | .......... | 8,159.22 | 1,694.10 |
| Depreciation | 391.00 | 8,042.00 | 1,014.00 | 6,470.00 | 704.00 |
| Other reserves | .......... | 5,000.00 | .......... | 7,500.00 | 1,500.00 |
| Total operating costs and fixed charges | 4,908.27 | 101,616.48 | 11,254.80 | 159,110.96 | 15,499.24 |
| Net surplus | 382.52 | 4,158.54 | 1,315.09 | 10,752.22 | 1,624.92 |
| Net loss | .......... | .......... | .......... | .......... | .......... |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service | 118 | 1,983 | 285 | 1,736 | 303 |
| Commercial light service | 31 | 286 | 71 | 259 | 85 |
| Power service | .......... | 42 | 10 | 55 | 13 |
| Total | 149 | 2,311 | 366 | 2,050 | 401 |

**"B"—Continued**

## Hydro Municipalities for Year Ended December 31, 1942

| Warkworth<br>P.V. | Wellington<br>927 | Westport<br>681 | Whitby<br>4,282 | Williams-burg<br>P.V. | Winchester<br>1,146 | EASTERN ONTARIO SYSTEM SUMMARY |
|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 2,214.14 | 6,576.52 | 3,747.17 | 31,308.76 | 1,693.39 | 6,679.17 | 1,992,364.76 |
| 1,342.98 | 2,826.11 | 2,811.07 | 14,229.99 | 2,099.98 | 4,068.29 | 967,405.11 |
| 103.47 | 759.63 | .......... | 17,849.78 | 138.88 | 1,862.17 | 1,200,629.85 |
| .......... | .......... | .......... | 1,762.01 | .......... | .......... | 89,156.18 |
| 628.08 | 1,084.92 | 1,384.04 | 4,808.01 | 286.92 | 916.65 | 262,479.31 |
| .......... | .......... | .......... | .......... | .......... | 12.55 | 10,057.49 |
| 137.50 | 307.50 | 204.44 | 781.50 | 661.05 | 382.61 | 63,463.53 |
| 4,426.17 | 11,554.68 | 8,146.72 | 70,740.05 | 4,880.22 | 13,921.44 | 4,585,556.23 |
| 2,329.91 | 7,183.26 | 4,267.52 | 41,987.11 | 2,806.79 | 9,578.44 | 2,950,284.65 |
| .......... | .......... | .......... | .......... | .......... | .......... | 59,494.54 |
| .......... | .......... | .......... | 607.19 | .......... | .......... | 8,435.25 |
| 62.25 | 542.03 | 199.23 | 5,078.95 | 317.30 | 456.31 | 125,162.56 |
| 4.02 | .......... | .......... | 321.25 | .......... | .......... | 10,677.25 |
| 25.44 | .......... | 139.59 | 1,471.02 | 28.55 | 48.50 | 49,505.47 |
| .......... | .......... | .......... | 902.90 | 13.55 | 28.43 | 48,903.75 |
| 28.96 | 100.75 | 62.62 | 1,018.45 | 47.45 | 123.56 | 66,011.32 |
| .......... | .......... | .......... | .......... | .......... | .......... | 6,375.84 |
| 137.70 | 345.75 | .......... | 2,827.70 | .......... | 590.36 | 135,358.26 |
| 85.82 | 274.81 | 1,154.44 | 2,219.07 | 647.91 | 341.20 | 143,924.24 |
| .......... | 313.83 | 21.09 | 529.11 | .......... | .......... | 58,426.16 |
| .......... | .......... | .......... | 709.25 | .......... | .......... | 19,682.81 |
| 424.47 | 348.03 | 479.96 | 817.13 | .......... | 124.13 | 83,522.04 |
| 374.67 | 492.77 | .......... | 3,144.64 | .......... | 649.57 | 91,198.43 |
| 302.00 | 1,012.00 | 300.00 | 4,255.00 | 312.00 | 879.00 | 282,688.00 |
| .......... | .......... | .......... | .......... | .......... | .......... | 173,376.97 |
| 3,775.24 | 10,613 23 | 6,624.45 | 65,888.77 | 4,173.55 | 12,819.50 | 4,313,027.54 |
| 650.93 | 941.45 | 1,522.27 | 4,851.28 | 706.67 | 1,101.94 | 272,528.69 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 136 | 345 | 138 | 1,007 | 96 | 302 | 67,738 |
| 40 | 65 | 47 | 162 | 38 | 90 | 10,002 |
| 1 | 5 | .......... | 25 | 1 | 3 | 1,389 |
| 177 | 415 | 185 | 1,194 | 135 | 395 | 79,129 |

## STATEMENT

## Detailed Operating Reports of Electrical Departments of

### THUNDER BAY SYSTEM

| Municipality<br>Population | Fort William<br>28,626 | Nipigon Twp. | Port Arthur<br>23,384 | THUNDER BAY SYSTEM SUMMARY |
|---|---|---|---|---|
| EARNINGS | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 250,562.07 | 4,490.07 | 142,846.24 | 397,898.38 |
| Commercial light service | 104,246.65 | 3,968.62 | 86,895.57 | 195,110.84 |
| Commercial power service | 74,007.53 | 488.04 | 278,154.39 | 352,649.96 |
| Municipal power | 31,480.93 | 352.59 | 34,003.89 | 65,837.41 |
| Street lighting | 20,069.59 | 720.00 | 19,798.32 | 40,587.91 |
| Merchandise | ........... | ........... | ........... | ........... |
| Miscellaneous | 996.40 | 184.67 | 21,873.49 | 23,054.56 |
| Total earnings | 481,363.17 | 10,203.99 | 583,571.90 | 1,075,139.06 |
| EXPENSES | | | | |
| Power purchased | 313,429.34 | 4,638.49 | 336,006.46 | 654,074.29 |
| Substation operation | 8,531.86 | ........... | 29,317.74 | 37,849.60 |
| Substation maintenance | 901.22 | ........... | 1,110.79 | 2,012.01 |
| Distribution system, operation and maintenance | 6,934.52 | 501.19 | 19,101.98 | 26,537.69 |
| Line transformer maintenance | 445.66 | 38.28 | 1,226.88 | 1,710.82 |
| Meter maintenance | 9,806.80 | 118.12 | 7,711.21 | 17,636.13 |
| Consumers' premises expenses | 8,539.29 | ........... | ........... | 8,539.29 |
| Street lighting, operation and maintenance | 7,340.68 | 139.69 | 5,764.76 | 13,245.13 |
| Promotion of business | 95.57 | ........... | 2,169.07 | 2,264.64 |
| Billing and collecting | 13,365.22 | ........... | 14,541.81 | 27,907.03 |
| General office, salaries and expenses | 15,312.00 | 885.54 | 13,462.41 | 29,659.95 |
| Undistributed expenses | 5,930.50 | 43.12 | 9,206.55 | 15,180.17 |
| Truck operation and maintenance | 3,096.15 | ........... | 1,750.83 | 4,846.98 |
| Interest | 13,875.00 | 139.83 | ........... | 14,014.83 |
| Sinking fund and principal payments on debentures | 5,254.84 | 732.02 | 231.67 | 6,218.53 |
| Depreciation | 23,057.00 | 755.00 | 31,381.48 | 55,193.48 |
| Other reserves | 13,000.00 | 500.00 | 33,500.00 | 47,000.00 |
| Total operating costs and fixed charges | 448,915.65 | 8,491.28 | 506,483.64 | 963,890.57 |
| Net surplus | 32,447.52 | 1,712.71 | 77,088.26 | 111,248.49 |
| Net loss | ........... | ........... | ........... | ........... |
| NUMBER OF CONSUMERS | | | | |
| Domestic service | 6,912 | 239 | 5,731 | 12,882 |
| Commercial light service | 1,038 | 54 | 877 | 1,969 |
| Power service | 112 | 5 | 110 | 227 |
| Total | 8,062 | 298 | 6,718 | 15,078 |

**"B"—Continued**

## Hydro Municipalities for Year Ended December 31, 1942

| Capreol 1,660 | North Bay 15,975 | Sioux Lookout 1,950 | Sudbury 31,789 | NORTHERN ONTARIO DISTRICTS SUMMARY | ALL SYSTEMS GRAND SUMMARY |
|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 9,640.42 | 109,605.52 | 16,628.16 | 238,762.39 | 374,636.49 | 14,874,937.14 |
| 3,554.02 | 67,363.46 | 12,733.15 | 138,889.28 | 222,539.91 | 7,604,860.27 |
| ............ | 45,950.11 | 1,369.02 | 43,502.90 | 90,822.03 | 15,433,320.91 |
| 739.25 | 7,704.34 | ............ | 10,379.29 | 18,822.88 | 2,026,826.92 |
| 1,260.00 | 10,738.08 | 2,203.28 | 27,512.04 | 41,713.40 | 1,820,216.28 |
| ............ | 99.57 | ............ | ............ | 99.57 | 50,276.58 |
| 120.00 | 4,112.40 | 15.51 | 4,206 17 | 8,454.08 | 680,825.29 |
| 15,313.69 | 245,573.48 | 32,949.12 | 463,252.07 | 757,088.36 | 42,491,263.39 |
| 7,183.05 | 128,979.00 | 26,125.38 | 259,231.75 | 421,519.18 | 26,459,900.78 |
| ............ | ............ | ............ | ............ | ............ | 581,259.02 |
| 116.97 | 1,433.67 | ............ | 9,128.32 | 10,678.96 | 361,643.95 |
| 1,637.07 | 7,384.81 | 1,133.67 | 23,210.77 | 33,366.32 | 1,087,818.81 |
| ............ | 901.76 | 63.20 | 1,177.35 | 2,142.31 | 133,888.95 |
| 188.26 | 4,231.65 | 155.05 | 9,755.68 | 14,330.64 | 440,877.18 |
| ............ | 276.98 | ............ | 313.76 | 590.74 | 513,565.10 |
| 622.34 | 1,731.25 | 205.58 | 6,658.43 | 9,217.60 | 397,614.93 |
| ............ | 113.96 | 139.00 | 329.10 | 582.06 | 193,692.33 |
| 1,189.01 | 9,185.55 | 3,214.76 | 22,684.76 | 36,274.08 | 1,171,345.63 |
| 1,087.65 | 8,492.41 | 819.32 | 15,183.75 | 25,583.13 | 1,067,535.39 |
| 79.68 | 4,174.68 | 63.92 | 9,479.52 | 13,797.80 | 553,599.71 |
| ............ | 597.41 | 341.83 | 4,482.88 | 5,422.12 | 99,379.20 |
| ............ | 8,267.50 | ............ | 5,879.67 | 14,147.17 | 973,383.83 |
| ............ | 9,000.00 | ............ | 9,715.71 | 18,715.71 | 2,006,148.29 |
| 900.00 | 16,277.00 | 446.00 | 20,700.00 | 38,323.00 | 2,853,619.59 |
| ............ | 20,000.00 | ............ | 15,000.00 | 35,000.00 | 732,579.23 |
| 13,004.03 | 221,047.63 | 32,707.71 | 412,931.45 | 679,690.82 | 39,627,851.92 |
| 2,309.66 | 24,525.85 | 241.41 | 50,320.62 | 77,397.54 | 2,863,411.47 |
| ............ | ............ | ............ | ............ | ............ | ............ |
| 336 | 3,361 | 482 | 7,970 | 12,149 | 554,115 |
| 52 | 665 | 100 | 1,030 | 1,847 | 76,423 |
| 1 | 86 | 2 | 107 | 196 | 13,639 |
| 389 | 4,112 | 584 | 9,107 | 14,192 | 644,177 |

## STATEMENT "C"

### Street Lighting Installation in Hydro Municipalities

Due to restrictions and changes resulting from orders of the Dominion Power Controller and economies effected by municipal co-operative action, statistics relating to Street Lighting are not presented in this year's Annual Report

## STATEMENT "D"

(pages 300 to 317)

**Statistics relating to the Supply of Electrical Energy to Consumers in Ontario Urban Municipalities Served by The Hydro-Electric Power Commission for the year 1942**

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## STATEMENT "E"

(pages 318 to 335)

**Cost of Power to Municipalities and Rates to Consumers for Domestic Service—Commercial Light Service—Power Service in Ontario Urban Municipalities Served by The Hydro-Electric Power Commission for the year 1942**

## STATEMENT "D"

### Statistics Relating to the Supply of Electrical Energy to Consumers in Urban Municipalities Served by The Hydro-Electric Power Commission

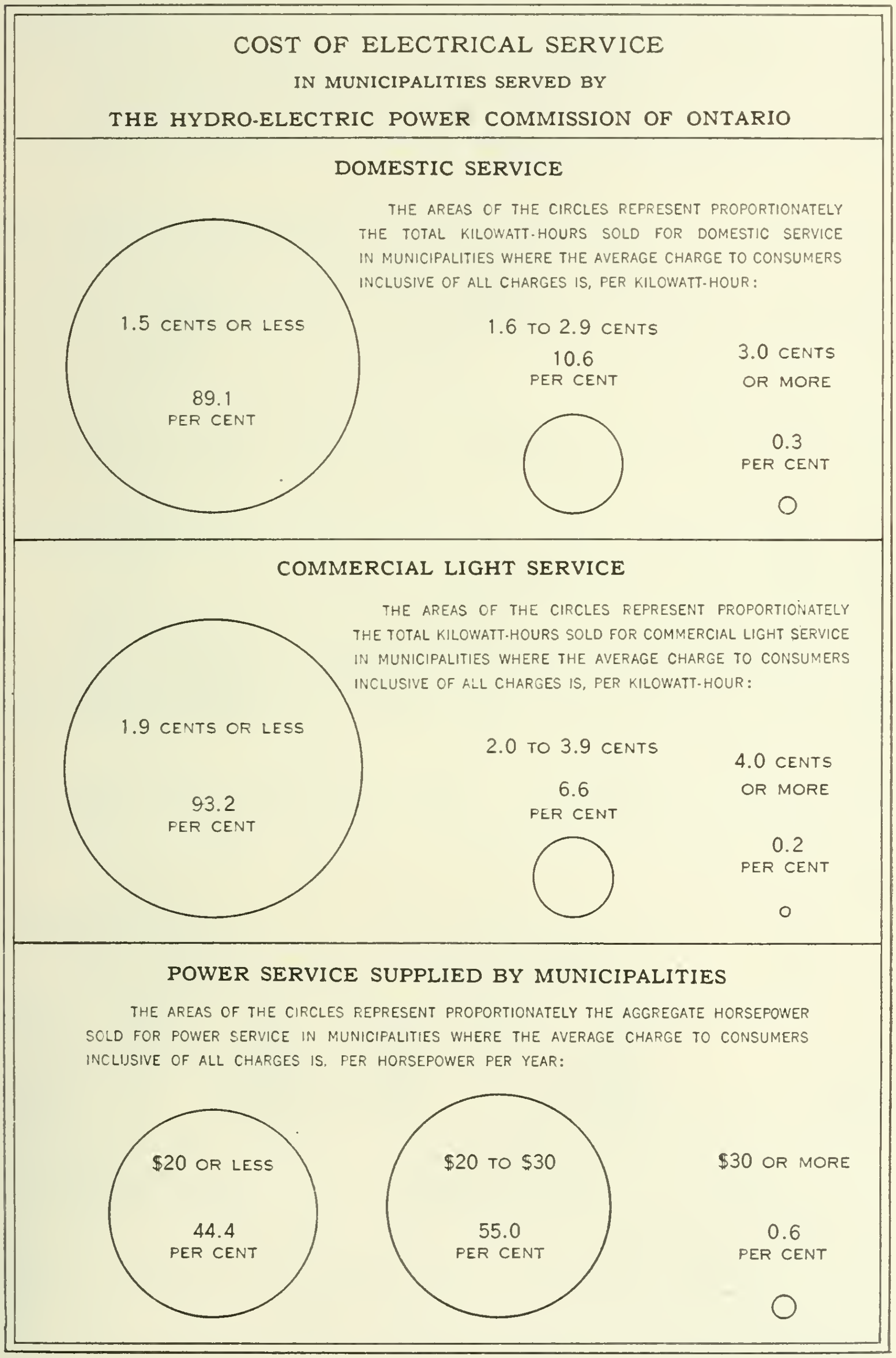
Regarding the results of Hydro operation from the standpoint of the consumers, the following tabulation gives much useful and interesting information. For each main class of service in each urban municipal utility receiving power at cost from the Commission, Statement "D" lists the revenue, the consumption and the number of consumers, together with unit average costs and consumptions and other pertinent data.

The policy and practice of the Commission has been, and is, to make as widespread and beneficial a distribution of electrical energy as possible, and to extend to every community that can economically be reached by transmission lines, the benefit of electrical service. Even where, in certain localities, by reason of the distance from a source of supply or on account of the small quantity of power required by the municipality, the cost per horsepower to the municipality—and, consequently, the cost of service to the consumer—must unavoidably be higher than in more favourably situated communities, service has not been withheld when the consumers were able and willing to pay the cost.

The accompanying diagram summarizes graphically certain data of Statement "D" respecting the average cost to the consumer. It will be observed that the total amount of energy sold in municipalities where circumstances necessitate rates which result in the higher average costs to the consumer is relatively insignificant. With respect to power service, it should be noted that the statistics of Statement "D", and of the diagram, cover mainly retail power service supplied to the smaller industrial consumers. The average amount of power taken by the industrial consumers served by the municipalities is about 45 horsepower. The Commission serves certain large power consumers direct on behalf of the various systems of municipalities.

It should be kept in mind that the revenues reported in Statement "D", and used for purposes of calculating the net unit costs to the consumer, are the total revenues contributed by the consumers, and provide, in addition to the cost of power, sums specifically applicable to the retirement of capital, and also operating surplus which is in part applied to retirement of capital or extension of plant and is in part returned in cash to the consumers.

It should also be noted that average costs per kilowatt-hour or per horsepower if employed indiscriminately as a criterion by means of which to compare the rates or prices for electrical service in various municipalities, will give misleading results. The average cost per kilowatt-hour, as given in Statement "D" for respective classes of service in each municipality, are statistical results obtained by dividing the respective revenues by the aggregate kilowatt-hours sold. As such, the data reflect the combined influence of a number of factors, of which the rates or prices to consumers are but one factor. Owing to the varying influence of factors other than the rates, it is seldom found that in any two municipalities the average cost per kilowatt-hour to the consumers, even of the same classification, is in proportion to the respective rates for service. Instances even occur where for a class of consumers in one municipality, the average costs per kilowatt-hour are substantially lower than for the same class in another municipality, even though the rates are higher.



COST OF ELECTRICAL SERVICE

IN MUNICIPALITIES SERVED BY

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

DOMESTIC SERVICE

THE AREAS OF THE CIRCLES REPRESENT PROPORTIONATELY THE TOTAL KILOWATT-HOURS SOLD FOR DOMESTIC SERVICE IN MUNICIPALITIES WHERE THE AVERAGE CHARGE TO CONSUMERS INCLUSIVE OF ALL CHARGES IS, PER KILOWATT-HOUR:

COMMERCIAL LIGHT SERVICE

THE AREAS OF THE CIRCLES REPRESENT PROPORTIONATELY THE TOTAL KILOWATT-HOURS SOLD FOR COMMERCIAL LIGHT SERVICE IN MUNICIPALITIES WHERE THE AVERAGE CHARGE TO CONSUMERS INCLUSIVE OF ALL CHARGES IS, PER KILOWATT-HOUR:

1.9 CENTS OR LESS
93.2 PER CENT
2.0 TO 3.9 CENTS
6.6 PER CENT
4.0 CENTS OR MORE
0.2 PER CENT

POWER SERVICE SUPPLIED BY MUNICIPALITIES

THE AREAS OF THE CIRCLES REPRESENT PROPORTIONATELY THE AGGREGATE HORSEPOWER SOLD FOR POWER SERVICE IN MUNICIPALITIES WHERE THE AVERAGE CHARGE TO CONSUMERS INCLUSIVE OF ALL CHARGES IS, PER HORSEPOWER PER YEAR:

$20 OR LESS
44.4 PER CENT
$20 TO $30
55.0 PER CENT
$30 OR MORE
0.6 PER CENT

With respect to domestic service, for example, instances may be observed where two municipalities have identical prices or rates for domestic service, but the average cost per kilowatt-hour to the consumer varies by as much as 50 per cent or more. Such variations are due principally to differences in the extent of utilization of the service for the operation of electric ranges, water heaters and other appliances, an indication of which is afforded by the statistics of average monthly consumption.

In the case of power service, average unit costs are still less reliable as an indication of the relative rates for service in different municipalities. In the case of hydro-electric power supplied to industries at cost, the rate schedules incorporate charges both for demand and for energy consumption, and thus, although the quantity of power taken by a consumer—that is, the demand as measured in horsepower—is the most important factor affecting costs and revenues, it is not the only one. The number of hours the power is used in the month or year—which, in conjunction with the power, determines the energy consumption, as measured in kilowatt-hours—also affects the costs and revenues. Consequently, in two municipalities charging the same rates for power service, the average cost per horsepower to the consumer will vary in accordance with the consumers' average number of hours' use of the power per month. A greater average energy consumption per horsepower increases the average cost per horsepower and decreases the average cost per kilowatt-hour to the consumer, and *vice versa*.*

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*In view of the fact that the data of Statement "D" have been misinterpreted in the making of certain comparisons as to the cost of electricity in various territories, it is desirable to add a word of caution respecting their significance. Essentially, the average cost or revenue per kilowatt-hour is *not a criterion of rates* even with similar forms of rate schedules and for the same class of service. Particularly is this true when revenues and consumptions of all classes of service and of all kinds of rate schedules, are indiscriminately lumped together in order to deduce a so-called "average cost or rate per kilowatt-hour" for all services.

*In one community rates for each class of service, and the cost to every consumer in each class for any given service and consumption, may be substantially higher than in another community, and yet there may be in the former community a lower "average revenue per kilowatt-hour."*

EXAMPLE.—Assume sales of electrical energy by two electric utilities, A and B, in each case 10,000,000 kilowatt-hours.

| Class of service | CASE A Higher rates and lower revenues per kilowatt-hour | | | CASE B Lower rates and higher revenues per kilowatt-hour | | |
|---|---|---|---|---|---|---|
| | Energy sales | Rate per kw-hr. | Revenue | Energy sales | Rate per kw-hr. | Revenue |
| | kw-hr. | cents | $ | kw-hr. | cents | $ |
| Residence | 1,000,000 | 4 | 40,000 | 3,000,000 | 3 | 90,000 |
| Power | 9,000,000 | 1 | 90,000 | 7,000,000 | 0.75 | 52,500 |
| Total | 10,000,000 | .... | 130,000 | 10,000,000 | .... | 142,500 |
| Average revenue | 1.3 cents per kw-hr. | | | 1.425 cents per kw-hr. | | |

It will be observed that in Case A *the rates* both for residence and for power service are 33 per cent *higher* than in Case B, but the *average revenue* per kilowatt-hour is nearly 9 per cent less.

In this instance, the explanation lies in the *relative quantities* of energy sold to each class. Service to large power consumers entails a smaller capital investment in distribution lines and equipment and lower operating costs per kilowatt-hour delivered, than does service to domestic and to commercial light consumers, and even where the rates for all classes of service are low, produces a smaller average revenue per kilowatt-hour. Consequently, if one electrical utility as compared with another sells a larger proportion of its energy for power purposes, its "average revenue per kilowatt-hour" may easily be lower than that of the other utility even though its rates for every class of service are substantially higher.

Although the derived statistics of Statement "D" are valueless as a means of comparing the *rates* in one municipality with those in another, they nevertheless fulfil a function in affording a general measure of the *economy of service* to consumers in the co-operating Ontario municipalities—an economy that has resulted primarily from the low rates themselves, and secondarily from the extensive use of the service that has been made possible by the low rates.

Actual bills rendered to typical consumers for similar service under closely comparable circumstances constitute the best basis for making comparisons. In researches respecting rates to consumers therefore the actual *rate schedules* of Statement "E" should be employed and not statistics of average revenues per kilowatt-hour, as these are valueless for rate comparisons —and particularly so when all classifications of service are combined.

In any consideration of the relative economies of electrical service in the various municipalities—whether based on the actual rates for service as set forth in Statement "E", or on the derived statistics resulting from the rates and other factors as presented in Statement "D"—full account should be taken respectively of the influence upon costs of such factors as the size of the municipality, the distance from the source of power, the features of the power developments, the sizes and concentrations of adjacent markets for electricity, and the sizes and characters of the loads supplied under the various classifications by the local electrical utility to the consumers.

In Statement "D" account has been taken of the sizes of municipalities by grouping them according to whether they are (i) cities—over 10,000 population; (ii) towns of 2,000 to 10,000 population; or (iii) small towns (under 2,000 population), villages, and suburban areas in townships (which are comparable in respect of conditions of supply to the smaller towns and villages). The populations are also given, and the situation of any municipality with respect to transmission lines and power supplies may be ascertained by consulting the maps at the end of the Report.

A feature of the electrical service in Ontario municipalities served by The Hydro-Electric Power Commission is the strikingly large average annual consumption per domestic consumer. Of the 89 cities and towns with populations of 2,000 or more—in which over 85 per cent of the domestic consumers of the undertaking are served—no less than 82 have an average annual consumption per domestic consumer in excess of 1,000 kilowatt-hours; of these, 61 have an average annual consumption per domestic consumer in excess of 1,500 kilowatt-hours, 34 in excess of 2,000 kilowatt-hours, and 8 in excess of 3,000 kilowatt-hours. In addition 87 smaller urban municipalities have an average annual consumption per domestic consumer exceeding 1,000 kilowatt-hours, including 16 in excess of 2,000 killowatt-hours.

The high average consumption for domestic service results essentially from the policy of the undertaking in providing service "at cost"; the rate schedules designed according to this principle automatically encourage liberal use of the service. Under the standard rate schedules employed by Ontario municipalities, follow-up rates of 0.8 to 1.3 cents (less 10 per cent) are in common use, and as a rule even where the higher initial rates per kilowatt-hour obtain, it is only necessary for the domestic consumer to reach a monthly charge of from $2.00 to $3.00 to obtain the benefit of a follow-up rate of 1.8 cents net. The cost of electric cooking is thus within reach of most of the domestic consumers in Ontario. Electric water heating is also encouraged by low flat rates for continuous heaters and by installation of equipment without capital cost to the consumer. In 1941, war conditions made necessary the suspension of new installations for water heating.

## STATEMENT

### Statistics Relating to the Supply of Electrical Energy to Consumers For Domestic Service, for Commercial Light Service

### Group I—CITIES

| Municipality | System | Population | Domestic service | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Revenue | Consumption | Number of consumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. |
| | | | $ c. | kw-hr. | | kw-hr. | $ c. | cents |
| Belleville | E.O. | 15,001 | 94,659.94 | 10,937,187 | 3,491 | 261 | 2.26 | 0.87 |
| Brantford | Nia. | 32,174 | 183,220.23 | 15,856,780 | 8,056 | 164 | 1.90 | 1.16 |
| Chatham | Nia. | 17,893 | 99,992.49 | 5,973,022 | 4,483 | 111 | 1.85 | 1.67 |
| Fort William | T.B. | 28,626 | 250,562.07 | 37,195,344 | 6,912 | 448 | 3.02 | 0.67 |
| Galt | Nia. | 14,858 | 115,080.24 | 9,421,190 | 4,168 | 188 | 2.30 | 1.22 |
| Guelph | Nia. | 22,685 | 118,637.67 | 10,872,840 | 5,611 | 161 | 1.76 | 1.09 |
| Hamilton | Nia. | 160,813 | 956,015.83 | 83,106,737 | 41,466 | 167 | 1.92 | 1.15 |
| Kingston | E.O. | 28,345 | 193,669.75 | 17,264,118 | 7,655 | 188 | 2.11 | 1.12 |
| Kitchener | Nia. | 34,734 | 242,443.09 | 22,563,001 | 8,426 | 223 | 2.40 | 1.07 |
| London | Nia. | 76,086 | 576,855.00 | 55,947,870 | 18,988 | 246 | 2.53 | 1.03 |
| Niagara Falls | Nia. | 19,726 | 137,773.20 | 13,510,727 | 4,879 | 231 | 2.35 | 1.02 |
| North Bay | N.O.P. | 15,975 | 109,605.52 | 6,786,621 | 3,361 | 168 | 2.71 | 1.61 |
| Oshawa | E.O. | 26,428 | 228,017.86 | 15,140,133 | 6,585 | 191 | 2.88 | 1.51 |
| Ottawa | E.O. | 154,585 | 617,824.21 | 71,508,999 | 15,177 | 393 | 3.39 | 0.86 |
| Owen Sound | G.B. | 13,503 | 66,554.21 | 5,140,640 | 3,549 | 121 | 1.56 | 1.29 |
| Peterborough | E.O. | 25,529 | 198,088.56 | 18,095,639 | 6,540 | 230 | 2.52 | 1.09 |
| Port Arthur | T.B. | 23,384 | 142,846.24 | 16,230,630 | 5,731 | 236 | 2.08 | 0.88 |
| St. Catharines | Nia. | 30,406 | 177,614.95 | 15,921,226 | 8,327 | 159 | 1.78 | 1.12 |
| St. Thomas | Nia. | 17,789 | 135,326.67 | 14,290,376 | 4,607 | 258 | 2.45 | 0.95 |
| Sarnia | Nia. | 17,911 | 99,174.35 | 6,824,230 | 4,943 | 115 | 1.67 | 1.45 |
| Stratford | Nia. | 16,880 | 142,752.48 | 11,852,310 | 4,484 | 220 | 2.65 | 1.20 |
| Sudbury | N.O.P. | 31,789 | 238,762.39 | 15,826,823 | 7,970 | 165 | 2.50 | 1.50 |
| Toronto | Nia. | 655,751 | 4,202,169.01 | 364,103,985 | 151,973 | 200 | 2.30 | 1.15 |
| Toront D.C. and 60 cycle† | ...... | ....... | 10,834.72 | 360,400 | 186 | 161 | 4.83 | 3.00 |
| Welland | Nia. | 12,838 | 61,278.96 | 4,688,343 | 3,209 | 122 | 1.59 | 1.31 |
| Windsor | Nia. | 107,424 | 731,270.00 | 53,729,345 | 26,097 | 172 | 2.34 | 1.36 |
| Woodstock | Nia. | 12,125 | 83,131.42 | 7,591,485 | 3,372 | 188 | 2.05 | 1.10 |

†This—with the exception of a relatively small D.C. power load—is a special service not created by The Hydro-Electric Power Commission but acquired through the purchase of a privately owned company. It does not include street railway power.

### GROUP II—TOWNS

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Amherstburg | Nia. | 2,743 | 23,663.39 | 1,776,735 | 728 | 203 | 2.70 | 1.33 |
| Arnprior | E.O. | 3,949 | 18,284.19 | 971,372 | 846 | 96 | 1.82 | 1.88 |
| Aylmer | Nia. | 2,412 | 13,251.96 | 907,615 | 732 | 103 | 1.51 | 1.46 |
| Barrie | G.B. | 9,994 | 83,499.35 | 7,172,279 | 2,381 | 251 | 2.92 | 1.16 |
| Bowmanville | E.O. | 3,725 | 32,483.16 | 2,061,293 | 1,199 | 143 | 2.14 | 1.58 |
| Brampton | Nia. | 5,823 | 45,780.50 | 3,859,978 | 1,584 | 203 | 2.41 | 1.18 |
| Brockville | E.O. | 10,463 | 62,355.67 | 5,686,525 | 3,014 | 157 | 1.72 | 1.10 |
| Carleton Place | E.O. | 4,258 | 22,106.36 | 1,526,075 | 1,067 | 119 | 1.72 | 1.45 |
| Cobourg | E.O. | 5,383 | 38,545.53 | 2,338,292 | 1,406 | 139 | 2.28 | 1.65 |
| Collingwood | G.B. | 5,808 | 34,519.97 | 2,235,769 | 1,573 | 118 | 1.83 | 1.54 |
| Dundas | Nia. | 5,163 | 27,394.50 | 1,788,558 | 1,372 | 109 | 1.66 | 1.53 |
| Dunnville | Nia. | 4,069 | 16,931.84 | 980,764 | 1,026 | 80 | 1.38 | 1.73 |
| Elmira | Nia. | 2,048 | 16,992.15 | 1,136,046 | 549 | 172 | 2.58 | 1.50 |
| Fergus | Nia. | 2,787 | 21,327.71 | 1,147,540 | 772 | 124 | 2.30 | 1.86 |
| Forest Hill | Nia. | 12.779 | 209,326.15 | 16,022,185 | 3,387 | 394 | 5.15 | 1.31 |

## "D"

### in Ontario Municipalities Served by the Commission and for Power Service during the year 1942

### Population, 10,000 or more

| Commercial Light service | | | | | | Power service | | | Total number of consumers |
|---|---|---|---|---|---|---|---|---|---|
| Revenue | Consumption | Number of consumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. | Revenue | Number of consumers | Average monthly horse-power | |
| $ c. | kw-hr. | | kw-hr. | $ c. | cents | $ c. | | | |
| 60,452.20 | 5,124,295 | 693 | 616 | 7.27 | 1.18 | 54,422.37 | 104 | 3,346.0 | 4,288 |
| 85,616.00 | 8,670,614 | 1,212 | 596 | 5.89 | 0.99 | 308,507.50 | 206 | 16,852.8 | 9,474 |
| 100,399.07 | 6,602,619 | 786 | 700 | 10.64 | 1.52 | 95,689.91 | 105 | 4,430.1 | 5,374 |
| 104,246.65 | 8,101,095 | 1,038 | 650 | 8.36 | 1.29 | 105,488.46 | 112 | 5,855.2 | 8,062 |
| 58,014.26 | 4,124,326 | 497 | 692 | 9.73 | 1.41 | 162,108.52 | 115 | 8,093.2 | 4,780 |
| 58,572.57 | 5,047,720 | 793 | 530 | 6.16 | 1.16 | 141,472.20 | 134 | 8,368.2 | 6,538 |
| 513,723.17 | 46,230,695 | 5,236 | 736 | 8.18 | 1.11 | 2 904 672.75 | 1,322 | 147,968.5 | 48,024 |
| 131,514.83 | 11,056,036 | 1 085 | 849 | 10.10 | 1.19 | 153,301.58 | 137 | 8,021.9 | 8,877 |
| 141,995.57 | 9,548,955 | 1,077 | 739 | 10.99 | 1.49 | 407,548.08 | 263 | 19,334.2 | 9,766 |
| 227,754.20 | 18,669,260 | 1,933 | 805 | 9.82 | 1.22 | 529,823.47 | 452 | 28,168.3 | 21,373 |
| 73,733.75 | 6,361,295 | 756 | 701 | 8.13 | 1.16 | 109,393.00 | 102 | 6,265.5 | 5,737 |
| 67,363.46 | 3,186,759 | 665 | 399 | 8.44 | 2.11 | 53,654.45 | 86 | 2,054.7 | 4,112 |
| 82,619.77 | 4,294,402 | 694 | 516 | 9.92 | 1.92 | 322,547.81 | 113 | 13,905.5 | 7,392 |
| 248,809.70 | 18,981,018 | 1,456 | 1,086 | 14.24 | 1.31 | 89,280.94 | 204 | 5,472.0 | 16,837 |
| 52,641.55 | 3,623,794 | 528 | 572 | 8.31 | 1.45 | 64,428.29 | 104 | 3,669.5 | 4,181 |
| 97,625.75 | 5,850,302 | 904 | 539 | 8.99 | 1.65 | 158,188.27 | 165 | 7,903.0 | 7,609 |
| 86,895.57 | 7,506,946 | 877 | 713 | 8.26 | 1.16 | 278,154.39 | 110 | 20,288.2 | 6,718 |
| 102,655.24 | 9,377,306 | 1,046 | 747 | 8.18 | 1.09 | 459,166.24 | 208 | 24,522.6 | 9,581 |
| 56,891.62 | 4,939,449 | 599 | 687 | 7.91 | 1.15 | 69,054.83 | 82 | 4,167.7 | 5,288 |
| 58,686.23 | 4,352,208 | 621 | 584 | 7.88 | 1.34 | 215,283.44 | 86 | 9,051.1 | 5,650 |
| 55,855.09 | 3,378,691 | 585 | 481 | 7.96 | 1.65 | 70,533.20 | 115 | 3,507.2 | 5,184 |
| 138,889.28 | 6,429,643 | 1,030 | 520 | 11.24 | 2.16 | 53,882.19 | 107 | 2,019.1 | 9,107 |
| 2,699,201.06 | 193,199,218 | 22,651 | 710 | 9.93 | 1.40 | *4,951,541.12 | 4,332 | 208,622.0 | 178,956 |
| 43,151.44 | 1,099,240 | 293 | 312 | 12.27 | 3.93 | 272,523.60 | 741 | 10,835.0 | 1,220 |
| 43,619.36 | 3,720,192 | 448 | 692 | 8.11 | 1.17 | 248,613.29 | 95 | 12,011.1 | 3,752 |
| 414,694.80 | 29,004,447 | 3,111 | 777 | 11.11 | 1.42 | 808,488.15 | 494 | 36,899.2 | 29,702 |
| 48,864.26 | 3,883,115 | 462 | 700 | 8.81 | 1.26 | 114,155.80 | 97 | 6,539.6 | 3,931 |

NOTE—The above group of 26 cities utilizes about 80 per cent of the power distributed by the Commission to Ontario municipalities.

*Does not include street railway power.

### of Population, 2,000 or more

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 8,997.66 | 553,443 | 131 | 352 | 5.72 | 1.62 | 7,663.22 | 16 | 344.2 | 875 |
| 9,897.31 | 383,643 | 145 | 220 | 5.72 | 2.58 | 18,174.61 | 19 | 852.6 | 1,010 |
| 10,500.80 | 687,490 | 147 | 390 | 5.95 | 1.53 | 10,694.57 | 14 | 581.0 | 893 |
| 48,375.53 | 3,162,239 | 404 | 652 | 9.98 | 1.53 | 26,957.88 | 46 | 1,420.9 | 2,831 |
| 10,976.96 | 565,414 | 155 | 303 | 5.90 | 1.95 | 58,610.04 | 27 | 2,392.0 | 1,381 |
| 20,105.14 | 1,269,444 | 272 | 389 | 6.16 | 1.58 | 24,929.34 | 53 | 1,403.3 | 1,960 |
| 29,035.55 | 2,567,608 | 403 | 531 | 6.00 | 1.13 | 53,477.06 | 74 | 3,065.6 | 3,491 |
| 9,122.07 | 455,179 | 182 | 200 | 4.17 | 2.00 | 29,033.93 | 17 | 1,472.5 | 1,266 |
| 19,729.49 | 1,003,797 | 214 | 391 | 7.68 | 1.87 | 28,983.92 | 47 | 1,474.6 | 1,667 |
| 16,081.92 | 886,691 | 208 | 355 | 6.44 | 1.81 | 37,950.55 | 46 | 2,143.3 | 1,827 |
| 14,647.45 | 913,273 | 190 | 401 | 6.42 | 1.60 | 40,026.30 | 37 | 2,438.6 | 1,599 |
| 16,330.53 | 1,050,711 | 210 | 417 | 6.48 | 1.55 | 18,884.72 | 28 | 1,122.5 | 1,264 |
| 9,636.31 | 430,978 | 120 | 299 | 6.69 | 2.24 | 11,338.98 | 24 | 523.2 | 693 |
| 9,495.26 | 483,140 | 118 | 341 | 6.71 | 1.97 | 24,808.91 | 13 | 976.8 | 903 |
| 26,761.60 | 1,637,235 | 254 | 537 | 8.78 | 1.63 | 3,390.26 | 25 | 172.1 | 3,666 |

## STATEMENT

### Statistics Relating to the Supply of Electrical Energy to Consumers For Domestic Service, for Commercial Light Service

### Group II—TOWNS

| Municipality | System | Population | Domestic service | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Revenue | Consumption | Number of consumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. |
| | | | $ c. | kw-hr. | | kw-hr. | $ c. | cents |
| Georgetown | Nia. | 2,498 | 20,977.74 | 1,428,965 | 815 | 146 | 2.14 | 1.47 |
| Goderich | Nia. | 4,886 | 35,244.93 | 2,229,930 | 1,324 | 140 | 2.22 | 1.58 |
| Gravenhurst | G.B. | 2,303 | 11,341.26 | 951,002 | 524 | 151 | 1.80 | 1.19 |
| Hanover | G.B. | 3,318 | 22,178.27 | 1,329,052 | 805 | 138 | 2.30 | 1.67 |
| Hespeler | Nia. | 2,967 | 18,721.41 | 1,252,820 | 824 | 127 | 1.89 | 1.49 |
| Humberstone | Nia. | 2,896 | 11,561.37 | 633,452 | 715 | 74 | 1.35 | 1.83 |
| Huntsville | G.B. | 2,909 | 14,221.81 | 1,260,585 | 734 | 143 | 1.61 | 1.13 |
| Ingersoll | Nia. | 5,616 | 33,205.13 | 2,557,354 | 1,503 | 142 | 1.84 | 1.30 |
| Kincardine | G.B. | 2,254 | 16,038.37 | 647,153 | 701 | 77 | 1.91 | 2.48 |
| Kingsville | Nia. | 2,367 | 14,745.37 | 947,582 | 632 | 125 | 1.94 | 1.55 |
| Leamington | Nia. | 5,534 | 28,529.26 | 2,124,393 | 1,627 | 109 | 1.46 | 1.34 |
| Lindsay | E.O. | 7,773 | 46,916.13 | 3,415,769 | 2,104 | 135 | 1.85 | 1.37 |
| Listowel | Nia. | 3,002 | 17,639.60 | 1,218,819 | 795 | 128 | 1.85 | 1.45 |
| Long Branch | Nia. | 4,600 | 34,788.69 | 2,316,616 | 1,533 | 126 | 1.89 | 1.50 |
| Meaford | G.B. | 2,676 | 14,326.52 | 715,328 | 744 | 80 | 1.60 | 2.00 |
| Merritton | Nia. | 3,131 | 17,682.93 | 1,415,410 | 856 | 138 | 1.72 | 1.25 |
| Midland | G.B. | 6,475 | 37,362.20 | 2,615,055 | 1,694 | 129 | 1.84 | 1.43 |
| Mimico | Nia. | 7,641 | 64,161.00 | 4,936,309 | 2,155 | 191 | 2.48 | 1.30 |
| Napanee | E.O. | 3,277 | 26,350.62 | 1,759,057 | 874 | 168 | 2.51 | 1.50 |
| New Toronto | Nia. | 7,855 | 42,963.44 | 3,148,407 | 1,951 | 134 | 1.84 | 1.36 |
| Niagara-on-the-Lake | Nia. | 2,019 | 17,213.82 | 1,488,273 | 600 | 207 | 2.39 | 1.16 |
| Orangeville | G.B. | 2,552 | 16,074.54 | 916,395 | 750 | 102 | 1.79 | 1.75 |
| Paris | Nia. | 4,604 | 25,692.20 | 2,089,027 | 1,208 | 144 | 1.77 | 1.23 |
| Penetanguishene | G.B. | 4,037 | 13,306.04 | 664,217 | 728 | 76 | 1.52 | 2.00 |
| Perth | E.O. | 4,286 | 26,261.71 | 1,944,490 | 1,061 | 152 | 2.06 | 1.35 |
| Petrolia | Nia. | 2,681 | 13,264.81 | 737,387 | 770 | 79 | 1.43 | 1.79 |
| Picton | E.O. | 3,570 | 25,283.67 | 1,656,330 | 1,150 | 120 | 1.83 | 1.53 |
| Port Colborne | Nia. | 6,903 | 33,904.81 | 1,815,460 | 1,602 | 94 | 1.76 | 1.87 |
| Port Elgin | G.B. | 2,061 | 11,716.07 | 626,280 | 491 | 106 | 1.99 | 1.87 |
| Port Hope | E.O. | 4,962 | 31,742.92 | 2,505,168 | 1,437 | 145 | 1.84 | 1.27 |
| Prescott | E.O. | 3,120 | 21,784.45 | 1,701,732 | 775 | 183 | 2.34 | 1.28 |
| Preston | Nia. | 6,606 | 36,095.34 | 2,760,495 | 1,637 | 141 | 1.84 | 1.31 |
| Riverside | Nia. | 5,525 | 42,087.09 | 2,154,025 | 1,475 | 122 | 2.38 | 1.95 |
| St. Marys | Nia. | 4,017 | 27,706.35 | 1,897,430 | 1,020 | 155 | 2.26 | 1.46 |
| Simcoe | Nia. | 5,955 | 27,541.38 | 1,900,382 | 1,643 | 96 | 1.40 | 1.45 |
| Smiths Falls | E.O. | 7,418 | 50,626.81 | 3,993,625 | 1,983 | 168 | 2.13 | 1.27 |
| Strathroy | Nia. | 2,873 | 22,098.18 | 1,786,893 | 835 | 178 | 2.21 | 1.24 |
| Swansea | Nia. | 6,872 | 74,305.80 | 5,713,216 | 2,158 | 221 | 2.87 | 1.30 |
| Tecumseh | Nia. | 2,570 | 15,869.28 | 607,030 | 682 | 74 | 1.94 | 2.61 |
| Thorold | Nia. | 5,284 | 21,931.50 | 1,653,171 | 1,247 | 110 | 1.47 | 1.33 |
| Tillsonburg | Nia. | 3,981 | 19,550.44 | 1,273,380 | 1,204 | 88 | 1.35 | 1.54 |
| Trenton | E.O. | 7,636 | 47,906.88 | 3,496,891 | 1,736 | 168 | 2.30 | 1.37 |
| Walkerton | G.B. | 2,617 | 18,429.08 | 1,053,718 | 664 | 132 | 2.31 | 1.75 |
| Wallaceburg | Nia. | 4,976 | 22,745.06 | 1,323,865 | 1,279 | 86 | 1.48 | 1.71 |
| Waterloo | Nia. | 8,885 | 72,250.77 | 7,265,880 | 2,210 | 274 | 2.72 | 0.99 |
| Weston | Nia. | 5,784 | 57,256.80 | 5,960,885 | 1,610 | 309 | 2.96 | 0.96 |
| Whitby | E.O. | 4,282 | 31,303.76 | 2,239,198 | 1,007 | 189 | 2.59 | 1.37 |
| Wingham | G.B. | 2,061 | 13,050.79 | 730,803 | 580 | 105 | 1.88 | 1.79 |

## "D"—Continued

**in Ontario Municipalities Served by the Commission and for Power Service during the year 1942**

**population, 2,000 or more**

| Commercial Light service | | | | | | Power service | | | |
|---|---|---|---|---|---|---|---|---|---|
| Revenue | Consumption | Number of consumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. | Revenue | Number of consumers | Average monthly horse-power | Total number of consumers |
| $ c. | kw-hr. | | kw-hr. | $ c. | cents | $ c. | | | |
| 8,464.17 | 502,486 | 129 | 325 | 5.47 | 1.68 | 32,450.00 | 28 | 1,486.4 | 972 |
| 18,383.41 | 844,190 | 246 | 286 | 6.23 | 2.18 | 18,558.46 | 20 | 836.7 | 1,590 |
| 12,392.52 | 1,121,028 | 118 | 792 | 8.75 | 1.11 | 15,529.70 | 15 | 795.6 | 657 |
| 8,791.57 | 423,074 | 136 | 259 | 5.39 | 2.08 | 22,798.90 | 25 | 1,028.7 | 966 |
| 5,089.03 | 293,420 | 85 | 288 | 4.99 | 1.74 | 58,121.28 | 28 | 2,595.4 | 937 |
| 3,761.60 | 261,507 | 79 | 276 | 3.97 | 1.44 | 5,561.27 | 11 | 286.8 | 805 |
| 11,392.52 | 761,967 | 133 | 477 | 7.14 | 1.50 | 15,359.60 | 16 | 991.7 | 883 |
| 17,861.94 | 1,209,875 | 224 | 450 | 6.64 | 1.48 | 45,112.43 | 44 | 2,364.9 | 1,771 |
| 8,588.28 | 291,602 | 116 | 209 | 6.17 | 2.95 | 12,162.42 | 16 | 505.1 | 833 |
| 8,842.46 | 500,347 | 157 | 266 | 4.69 | 1.76 | 6,131.01 | 20 | 340.6 | 809 |
| 18,811.14 | 1,406,743 | 272 | 431 | 5.76 | 1.33 | 21,087.58 | 33 | 1,098.1 | 1,932 |
| 30,518.36 | 1,646,529 | 325 | 422 | 7.82 | 1.85 | 61,514.36 | 70 | 2,655.1 | 2,499 |
| 12,966.94 | 780,374 | 157 | 414 | 6.88 | 1.67 | 19,324.54 | 23 | 960.8 | 975 |
| 6,674.31 | 424,985 | 102 | 347 | 5.45 | 1.57 | 5,620.89 | 9 | 262.6 | 1,644 |
| 8,889.96 | 443,788 | 149 | 248 | 4.97 | 2.00 | 9,813.48 | 18 | 532.9 | 911 |
| 4,190.68 | 337,787 | 61 | 461 | 5.72 | 1.24 | 194,125.28 | 16 | 9,384.7 | 933 |
| 19,394.49 | 1,180,424 | 196 | 502 | 8.25 | 1.64 | 74,141.40 | 54 | 4,313.2 | 1,944 |
| 11,141.38 | 705,033 | 144 | 408 | 6.43 | 1.58 | 15,563.54 | 23 | 633.3 | 2,322 |
| 18,000.77 | 890,048 | 200 | 371 | 7.50 | 2.02 | 10,905.58 | 25 | 578.8 | 1,099 |
| 21,013.53 | 1,634,705 | 228 | 597 | 7.68 | 1.29 | 268,990.34 | 39 | 11,677.0 | 2,218 |
| 7,765.07 | 473,915 | 104 | 380 | 6.22 | 1.64 | 5,406.28 | 12 | 205.4 | 716 |
| 10,049.99 | 519,047 | 150 | 288 | 5.58 | 1.94 | 7,502.06 | 25 | 425.7 | 925 |
| 9,127.60 | 794,699 | 192 | 344 | 3.96 | 1.15 | 24,466.68 | 25 | 1,445.5 | 1,425 |
| 8,759.76 | 423,016 | 107 | 329 | 6.82 | 2.07 | 21,729.57 | 22 | 889.0 | 857 |
| 15,990.55 | 954,948 | 197 | 404 | 6.76 | 1.67 | 17,515.53 | 27 | 974.9 | 1,285 |
| 8,863.68 | 433,038 | 162 | 222 | 4.55 | 2.04 | 24,871.66 | 62 | 918.1 | 994 |
| 16,251.46 | 972,451 | 202 | 401 | 6.70 | 1.67 | 6,284.04 | 34 | 429.3 | 1,386 |
| 21,998.32 | 1,272,515 | 237 | 447 | 7.73 | 1.73 | 27,476.00 | 29 | 1,302.0 | 1,868 |
| 5,987.90 | 266,274 | 105 | 211 | 4.75 | 2.25 | 4,198.59 | 6 | 223.2 | 602 |
| 14,663.30 | 824,890 | 212 | 324 | 5.76 | 1.78 | 35,124.40 | 37 | 1,817.0 | 1,686 |
| 12,893.56 | 742,023 | 161 | 384 | 6.67 | 1.73 | 10,586.12 | 23 | 586.2 | 959 |
| 20,199.76 | 1,243,649 | 225 | 461 | 7.48 | 1.62 | 63,610.85 | 46 | 3,415.0 | 1,908 |
| 6,022.09 | 318,701 | 60 | 443 | 8.36 | 1.88 | 7,196.14 | 14 | 277.3 | 1,549 |
| 10,166.69 | 489,145 | 164 | 249 | 5.17 | 2.08 | 24,846.57 | 38 | 1,071.6 | 1,222 |
| 32,005.11 | 2,092,153 | 384 | 454 | 6.95 | 1.53 | 28,402.05 | 42 | 1,623.3 | 2,069 |
| 17,268.63 | 1,177,578 | 286 | 343 | 5.06 | 1.47 | 27,040.10 | 42 | 1,442.0 | 2,311 |
| 12,043.10 | 757,900 | 175 | 361 | 5.73 | 1.59 | 15,026.72 | 32 | 835.0 | 1,042 |
| 10,109.78 | 588,914 | 81 | 606 | 10.40 | 1.72 | 27,551.04 | 16 | 1,180.6 | 2,255 |
| 5,580.32 | 256,700 | 52 | 411 | 8.94 | 2.17 | 2,553.34 | 2 | 101.7 | 736 |
| 8,780.73 | 800,135 | 164 | 407 | 4.46 | 1.10 | 40,469.85 | 16 | 1,957.3 | 1,427 |
| 17,979.58 | 1,265,551 | 240 | 439 | 6.24 | 1.42 | 14,216.52 | 35 | 811.4 | 1,479 |
| 26,320.43 | 1,396,980 | 259 | 449 | 8.47 | 1.88 | 85,105.31 | 55 | 3,813.3 | 2,050 |
| 11,189.87 | 538,992 | 140 | 321 | 6.66 | 2.08 | 10,421.23 | 20 | 389.9 | 824 |
| 15,390.29 | 1,013,555 | 243 | 348 | 5.28 | 1.51 | 82,911.70 | 41 | 3,315.8 | 1,563 |
| 28,301.39 | 2,137,601 | 248 | 718 | 9.51 | 1.32 | 61,350.38 | 72 | 3,234.6 | 2,530 |
| 13,102.59 | 1,114,795 | 180 | 516 | 6.07 | 1.18 | 66,190.51 | 31 | 3,231.0 | 1,821 |
| 14,229.99 | 839,040 | 162 | 431 | 7.20 | 1.70 | 19,611.79 | 25 | 857.9 | 1,194 |
| 8,824.92 | 388,037 | 145 | 223 | 5.07 | 2.27 | 11,172.66 | 22 | 469.0 | 747 |

## STATEMENT

### Statistics Relating to the Supply of Electrical Energy to Consumers For Domestic Service, for Commercial Light Service

### Group III—SMALL TOWNS (less than 2,000 population),

NOTE—The power used in the smaller places and rural districts is a relatively small proportion of the power distributed by the Commission. Thus, the power used by the small municipalities in the following group, which includes small towns, villages and certain suburban areas in townships, is less than 10 per cent of the power distributed by the Commission to Ontario municipalities. This relatively small proportion of the total power, however, exerts upon the

| Municipality | System | Population | Domestic service | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Revenue | Consumption | Number of consumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. |
| | | | $ c. | kw-hr. | | kw-hr. | $ c. | cents |
| Acton | Nia. | 1,954 | 13,479.95 | 1,044,789 | 542 | 161 | 2.07 | 1.3 |
| Agincourt | Nia. | P.V. | 5,871.58 | 386,805 | 167 | 193 | 2.93 | 1.5 |
| Ailsa Craig | Nia. | 457 | 2,666.78 | 146,612 | 146 | 84 | 1.52 | 1.8 |
| Alexandria | E.O. | 1,952 | 7,275.45 | 224,833 | 390 | 48 | 1.55 | 3.2 |
| Alliston | G.B. | 1,590 | 12,236.99 | 552,330 | 400 | 115 | 2.55 | 2.2 |
| Alvinston | Nia. | 645 | 3,989.88 | 93,400 | 190 | 41 | 1.75 | 4.3 |
| Ancaster Twp. | Nia. | ....... | 13,454.11 | 815,798 | 380 | 179 | 2.95 | 1.6 |
| Apple Hill | E.O. | P.V. | 1,430.90 | 31,593 | 67 | 39 | 1.78 | 4.5 |
| Arkona | Nia. | 385 | 3,140.27 | 83,292 | 112 | 62 | 2.34 | 3.8 |
| Arthur | G.B. | 1,043 | 5,719.68 | 147,550 | 225 | 55 | 2.12 | 3.9 |
| Athens | E.O. | 676 | 3,053.22 | 70,320 | 163 | 36 | 1.56 | 4.3 |
| Ayr | Nia. | 772 | 6,121.91 | 349,167 | 219 | 133 | 2.33 | 1.8 |
| Baden | Nia. | P.V. | 4,052.79 | 315,890 | 161 | 164 | 2.10 | 1.3 |
| Bath | E.O. | 352 | 2,348.65 | 64,990 | 56 | 97 | 3.50 | 3.6 |
| Beachville | Nia. | P.V. | 3,801.65 | 218,140 | 167 | 109 | 1.90 | 1.7 |
| Beamsville | Nia. | 1,251 | 11,592.27 | 897,264 | 384 | 195 | 2.52 | 1.3 |
| Beaverton | G.B. | 904 | 6,847.12 | 392,552 | 317 | 103 | 1.80 | 1.7 |
| Beeton | G.B. | 634 | 3,617.06 | 94,110 | 139 | 56 | 2.17 | 3.8 |
| Belle River | Nia. | 844 | 5,167.35 | 206,670 | 264 | 65 | 1.63 | 2.5 |
| Blenheim | Nia. | 1,812 | 9,405.49 | 542,228 | 555 | 81 | 1.41 | 1.7 |
| Bloomfield | E.O. | 612 | 3,311.62 | 136,293 | 174 | 65 | 1.59 | 2.4 |
| Blyth | Nia. | 652 | 3,753.05 | 142,323 | 181 | 66 | 1.73 | 2.6 |
| Bolton | Nia. | 590 | 4,588.69 | 264,988 | 186 | 119 | 2.06 | 1.7 |
| Bothwell | Nia. | 644 | 2,638.99 | 159,035 | 185 | 71 | 1.18 | 1.6 |
| Bradford | G.B. | 947 | 6,846.92 | 235,430 | 269 | 73 | 2.12 | 2.9 |
| Brantford Twp. | Nia. | ....... | 28,412.04 | 1,661,648 | 1,325 | 105 | 1.79 | 1.7 |
| Brechin | G.B. | P.V. | 1,550.91 | 38,313 | 58 | 55 | 2.23 | 4.0 |
| Bridgeport | Nia. | P.V. | 5,220.34 | 254,345 | 174 | 122 | 2.50 | 2.1 |
| Brigden | Nia. | P.V. | 2,330.50 | 77,070 | 124 | 51 | 1.56 | 3.0 |
| Brighton | E.O. | 1,465 | 11,036.95 | 381,594 | 552 | 58 | 1.67 | 2.9 |
| Brussels | Nia. | 760 | 4,667.62 | 167,858 | 250 | 56 | 1.56 | 2.8 |
| Burford | Nia. | P.V. | 5,470.66 | 365,612 | 245 | 124 | 1.86 | 1.5 |
| Burgessville | Nia. | P.V. | 1,813.39 | 62,969 | 56 | 94 | 2.70 | 2.9 |
| Caledonia | Nia. | 1,425 | 6,923.18 | 360,242 | 447 | 67 | 1.29 | 1.9 |
| Campbellville | Nia. | P.V. | 1,511.04 | 40,598 | 53 | 64 | 2.38 | 3.7 |
| Cannington | G.B. | 762 | 5,387.70 | 227,240 | 247 | 77 | 1.82 | 2.4 |
| Capreol | N.O.P. | 1,660 | 9,640.42 | 347,304 | 336 | 86 | 2.39 | 2.7 |
| Cardinal | E.O. | 1,642 | 8,396.54 | 535,360 | 384 | 116 | 1.82 | 1.6 |
| Cayuga | Nia. | 687 | 3,924.85 | 133,787 | 181 | 62 | 1.81 | 2.9 |
| Chatsworth | G.B. | 325 | 2,302.14 | 94,797 | 98 | 81 | 1.96 | 2.4 |

## "D"—Continued

### in Ontario Municipalities Served by the Commission and for Power Service during the year 1942

### VILLAGES AND SUBURBAN AREAS

economic life of the Province a most beneficial influence. It should further be appreciated that about 35 per cent of these municipalities obtain their power, not from Niagara, but from relatively small water-power developments throughout the Province, or from purchased power. The net cost per kilowatt-hour given in the table is the cost inclusive of all charges. Consult also introduction to Statement "D", page 300.

| Commercial Light service | | | | | | Power service | | | Total number of consumers |
|---|---|---|---|---|---|---|---|---|---|
| Revenue | Consumption | Number of consumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. | Revenue | Number of consumers | Average monthly horse-power | |
| $ c. | kw-hr. | | kw-hr. | $ c. | cents | $ c. | | | |
| 5,456.94 | 346,930 | 87 | 332 | 5.23 | 1.6 | 31,176.25 | 18 | 1,249.1 | 647 |
| 1,174.86 | 43,862 | 26 | 141 | 3.77 | 2.7 | 1,150.76 | 3 | 62.8 | 196 |
| 1,176.66 | 48,188 | 34 | 118 | 2.88 | 2.4 | 1,358.01 | 4 | 54.9 | 184 |
| 4,879.13 | 146,816 | 99 | 157 | 4.11 | 3.3 | 3,716.51 | 15 | 97.7 | 504 |
| 8,783.18 | 277,951 | 107 | 216 | 6.84 | 3.2 | 3,742.86 | 15 | 198.4 | 522 |
| 1,923.82 | 55,667 | 52 | 89 | 3.08 | 3.5 | 537.54 | 3 | 17.4 | 245 |
| 3,283.50 | 146,402 | 45 | 271 | 6.08 | 2.2 | 1,256.11 | 8 | 66.7 | 433 |
| 961.30 | 33,890 | 21 | 134 | 3.82 | 2.8 | 500.48 | 2 | 21.9 | 90 |
| 1 575.93 | 36,768 | 32 | 96 | 4.10 | 4.3 | 233.20 | 2 | 4.7 | 146 |
| 4,673.79 | 109,832 | 78 | 117 | 4.99 | 4.2 | 1,511.73 | 8 | 86.5 | 311 |
| 1,622.83 | 53,123 | 42 | 105 | 3.22 | 3.1 | 834.97 | 1 | 32.0 | 206 |
| 2,140.63 | 105,844 | 44 | 200 | 4.05 | 2.0 | 672.20 | 5 | 36.3 | 268 |
| 2,226.65 | 110,761 | 36 | 256 | 5.15 | 2.1 | 10,549.55 | 3 | 414.4 | 200 |
| 713.37 | 13,950 | 10 | 116 | 5.94 | 5.1 | ........... | ...... | ........ | 66 |
| 674.66 | 25,740 | 23 | 93 | 2.44 | 2.6 | 16,726.08 | 4 | 650.3 | 194 |
| 5,439.09 | 233,096 | 74 | 262 | 6.13 | 2.3 | 2,105.98 | 4 | 105.6 | 462 |
| 2,575.56 | 144,381 | 64 | 188 | 3.35 | 1.8 | 1,067.59 | 7 | 59.2 | 388 |
| 2,306.86 | 55,395 | 31 | 149 | 6.20 | 4.2 | 3,295.97 | 5 | 102.2 | 175 |
| 2,588.68 | 122,486 | 45 | 226 | 4.79 | 2.1 | 1,625.44 | 2 | 46 4 | 311 |
| 8,499.62 | 499,472 | 136 | 306 | 5.20 | 1.7 | 5,349.62 | 15 | 238.0 | 706 |
| 2,305.35 | 87,091 | 42 | 173 | 4.57 | 2.6 | 1,232.95 | 7 | 41.6 | 223 |
| 2,205.04 | 82,283 | 47 | 146 | 3.91 | 2.7 | 1,073.08 | 4 | 49.2 | 232 |
| 1,990.18 | 78,251 | 47 | 139 | 3.53 | 2.5 | 2,466.24 | 9 | 109.3 | 242 |
| 2,029.32 | 116,910 | 53 | 183 | 3.19 | 1.7 | 948.12 | 7 | 87.9 | 245 |
| 4,544.30 | 127,729 | 74 | 144 | 5.12 | 3.6 | 4,608.85 | 11 | 184.6 | 354 |
| 4,508.25 | 339,613 | 56 | 505 | 6.71 | 1.3 | 6,609.38 | 7 | 252.0 | 1,388 |
| 601.21 | 23,050 | 22 | 87 | 2.28 | 2.6 | 783.00 | 3 | 36.0 | 83 |
| 1,611.23 | 59,834 | 20 | 249 | 6.71 | 2.7 | 244.85 | 2 | 9.5 | 196 |
| 1,921.22 | 67,555 | 37 | 152 | 4.32 | 2.8 | 701.23 | 4 | 21.4 | 165 |
| 4,355.62 | 171,473 | 94 | 152 | 3.86 | 2.5 | 4,353.87 | 10 | 213.6 | 656 |
| 3,143.61 | 105,374 | 69 | 127 | 3.80 | 3.0 | 963.89 | 4 | 35.7 | 323 |
| 1,852.29 | 106,231 | 38 | 233 | 4.06 | 1.7 | 1,466.65 | 3 | 84.1 | 286 |
| 599.23 | 18,083 | 16 | 94 | 3.12 | 3.3 | 253.38 | 2 | 14.7 | 74 |
| 5,431.64 | 343,134 | 100 | 286 | 4.53 | 1.6 | 2,270.42 | 10 | 101.6 | 557 |
| 785.95 | 22,083 | 12 | 153 | 5.45 | 3.6 | 196.57 | 1 | 4.3 | 66 |
| 2,210.06 | 76,765 | 65 | 98 | 2.83 | 2.9 | 2,595.71 | 10 | 120.5 | 322 |
| 3,554.02 | 147,554 | 52 | 236 | 5.69 | 2.4 | 739.25 | 1 | 25.0 | 389 |
| 2,426.37 | 116,210 | 58 | 167 | 3.49 | 2.1 | 356.97 | 2 | 18.0 | 444 |
| 3,655.94 | 114,313 | 66 | 144 | 4.62 | 3.2 | 893.16 | 6 | 44.1 | 253 |
| 1,131.20 | 54 898 | 30 | 152 | 3.14 | 2.1 | ...... | ... | .... | 128 |

## STATEMENT

### Statistics Relating to the Supply of Electrical Energy to Consumers For Domestic Service, for Commercial Light Service

### Group III—SMALL TOWNS (less than 2,000 population),

| Municipality | System | Population | Domestic service | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Revenue | Consumption | Number of consumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. |
| | | | $ c. | kw-hr. | | kw-hr. | $ c. | cents |
| Chesley | G.B. | 1,771 | 9,914.84 | 631,900 | 457 | 115 | 1.81 | 1.6 |
| Chesterville | E.O. | 1,073 | 5,005.57 | 363,700 | 245 | 124 | 1.70 | 1.4 |
| Chippawa | Nia. | 1,320 | 8,658.41 | 682,256 | 352 | 162 | 2.05 | 1.3 |
| Clifford | Nia. | 452 | 2,847.74 | 114,568 | 131 | 73 | 1.81 | 2.5 |
| Clinton | Nia. | 1,922 | 14,829.37 | 947,129 | 573 | 138 | 2.16 | 1.6 |
| Cobden | E.O. | 659 | 2,392.63 | 98,077 | 147 | 55 | 1.35 | 2.4 |
| Colborne | E.O. | 952 | 6,267.73 | 298,945 | 275 | 91 | 1.90 | 2.1 |
| Coldwater | G.B. | 563 | 3,579.07 | 182,124 | 157 | 97 | 1.90 | 2.0 |
| Comber | Nia. | P.V. | 2,258.29 | 82,788 | 115 | 60 | 1.64 | 2.7 |
| Cookstown | G.B. | P.V. | 2,461.34 | 64,027 | 112 | 48 | 1.83 | 3.8 |
| Cottam | Nia. | P.V. | 2,758.68 | 106,595 | 129 | 69 | 1.78 | 2.6 |
| Courtright | Nia. | 341 | 1,513.26 | 41,949 | 78 | 44 | 1.61 | 3.6 |
| Creemore | G.B. | 666 | 3,593.41 | 128,495 | 168 | 64 | 1.78 | 2.8 |
| Dashwood | Nia. | P.V. | 2,191.66 | 74,950 | 99 | 63 | 1.84 | 2.9 |
| Delaware | Nia. | P.V. | 2,037.56 | 121,499 | 66 | 153 | 2.57 | 1.7 |
| Delhi | Nia. | 1,908 | 11,924.64 | 608,720 | 592 | 87 | 1.70 | 2.0 |
| Deseronto | E.O. | 1,002 | 6,650.46 | 238,483 | 347 | 58 | 1.60 | 2.8 |
| Dorchester | Nia. | P.V. | 2,884.77 | 156,467 | 148 | 88 | 1.62 | 1.8 |
| Drayton | Nia. | 526 | 3,445.96 | 123,133 | 168 | 61 | 1.71 | 2.8 |
| Dresden | Nia. | 1,529 | 7,212.40 | 379,008 | 469 | 67 | 1.28 | 1.9 |
| Drumbo | Nia. | P.V. | 2,459.19 | 118,218 | 85 | 116 | 2.41 | 2.1 |
| Dublin | Nia. | P.V. | 1,262.88 | 51,006 | 57 | 75 | 1.85 | 2.5 |
| Dundalk | G.B. | 688 | 3,535.78 | 174,130 | 203 | 71 | 1.45 | 2.0 |
| Durham | G.B. | 1,959 | 7,323.28 | 424,994 | 468 | 76 | 1.30 | 1.7 |
| Dutton | Nia. | 804 | 3,123.83 | 206,180 | 226 | 76 | 1.15 | 1.5 |
| East York Twp. | Nia. | ....... | 241,405.89 | 16,245,060 | 11,108 | 121 | 1.81 | 1.5 |
| Elmvale | G.B. | P.V. | 3,822.88 | 177,750 | 196 | 76 | 1.63 | 2.2 |
| Elmwood | G.B. | P.V. | 1,192.31 | 31,346 | 67 | 39 | 1.48 | 3.8 |
| Elora | Nia. | 1,208 | 8,559.41 | 446,162 | 357 | 104 | 2.00 | 1.9 |
| Embro | Nia. | 420 | 3,369.35 | 192,596 | 119 | 135 | 2.36 | 1.7 |
| Erieau | Nia. | 243 | 4,224.12 | 165,677 | 190 | 72 | 1.85 | 2.5 |
| Erie Beach | Nia. | 24 | 1,623.19 | 29,853 | 83 | 30 | 1.63 | 5.4 |
| Essex | Nia. | 1,952 | 8,664.84 | 506,340 | 516 | 82 | 1.40 | 1.7 |
| Etobicoke Twp. | Nia. | ....... | 191,834.22 | 16,309,759 | 5,521 | 246 | 2.90 | 1.2 |
| Exeter | Nia. | 1,582 | 13.426.90 | 946,653 | 525 | 150 | 2.13 | 1.4 |
| Finch | E.O. | 393 | 2,376.43 | 135,244 | 102 | 110 | 1.94 | 1.8 |
| Flesherton | G.B. | 458 | 2,052.94 | 81.395 | 132 | 51 | 1.30 | 2.5 |
| Fonthill | Nia. | 919 | 6,093.58 | 309.333 | 287 | 90 | 1.77 | 2.0 |
| Forest | Nia. | 1,569 | 13,073.65 | 768,430 | 485 | 132 | 2.25 | 1.7 |
| Glencoe | Nia. | 764 | 4,864.90 | 187,761 | 224 | 70 | 1.81 | 2.6 |

## "D"—Continued

**in Ontario Municipalities Served by the Commission and for Power Service during the year 1942**

**VILLAGES AND SUBURBAN AREAS**

| Commercial Light service | | | | | | Power service | | | Total number of consumers |
|---|---|---|---|---|---|---|---|---|---|
| Revenue | Consumption | Number of consumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. | Revenue | Number of consumers | Average monthly horse-power | |
| $ c. | kw-hr. | | kw-hr. | $ c. | cents | $ c. | | | |
| 5,883.63 | 312,190 | 90 | 289 | 5.45 | 1.9 | 7,020.90 | 20 | 391.6 | 567 |
| 3,879.88 | 168,860 | 69 | 204 | 4.69 | 2.3 | 2,478.14 | 4 | 109.8 | 318 |
| 3,044.86 | 197,921 | 46 | 359 | 5.52 | 1.5 | 1,203.05 | 2 | 42.2 | 400 |
| 1,733.38 | 65,463 | 34 | 160 | 4.25 | 2.6 | 747.88 | 2 | 20.5 | 167 |
| 8,522.81 | 432,478 | 117 | 308 | 6.07 | 1.9 | 6,342.38 | 18 | 288.0 | 708 |
| 2,140.21 | 61,995 | 49 | 105 | 3.63 | 3.5 | 323.76 | 1 | 11.6 | 197 |
| 2,803.06 | 116,108 | 68 | 142 | 3.44 | 2.4 | 824.73 | 5 | 43.7 | 348 |
| 1,315.65 | 36,922 | 51 | 60 | 2.15 | 3.6 | 644.95 | 2 | 27.3 | 210 |
| 1.891.23 | 64,401 | 45 | 126 | 3.50 | 2.9 | 2,356.65 | 4 | 85.6 | 164 |
| 1,461.28 | 29,508 | 34 | 72 | 3.58 | 5.0 | 1,218.20 | 3 | 60.1 | 149 |
| 1,736.41 | 76,252 | 28 | 227 | 5.17 | 2.3 | 334.96 | 2 | 19.0 | 159 |
| 743.84 | 26,583 | 19 | 116 | 3.26 | 2.7 | 974.64 | 1 | 12.5 | 98 |
| 1.521.77 | 60,535 | 49 | 103 | 2.59 | 2.5 | 1,279.24 | 3 | 71.5 | 220 |
| 1,169.45 | 40,620 | 27 | 125 | 3.61 | 2.9 | 1,044.93 | 2 | 39.0 | 128 |
| 655.59 | 22,657 | 15 | 126 | 3.64 | 2.9 | .......... | ...... | ........ | 81 |
| 10,214.35 | 452,072 | 150 | 251 | 5.67 | 2.3 | 7,638.68 | 8 | 271.7 | 750 |
| 3.068.77 | 104,910 | 60 | 146 | 4.26 | 2.9 | 1,995.04 | 5 | 71.9 | 412 |
| 1,055.74 | 45,931 | 29 | 132 | 3.03 | 2.3 | 712.14 | 2 | 35.9 | 179 |
| 1,947.08 | 59,401 | 61 | 81 | 2.66 | 3.3 | 1,276.67 | 5 | 56.0 | 234 |
| 6,507.55 | 357,407 | 121 | 246 | 4.48 | 1.8 | 4,050.65 | 11 | 268.6 | 601 |
| 1,084.64 | 47,535 | 26 | 152 | 3.48 | 2.3 | 823.82 | 1 | 34.9 | 112 |
| 855.24 | 32,081 | 27 | 99 | 2.64 | 2.7 | 1,517.53 | 2 | 61.4 | 86 |
| 3,335.71 | 118,292 | 72 | 137 | 3.86 | 2.8 | 3,217.83 | 6 | 162.8 | 281 |
| 4,889.93 | 241,274 | 102 | 197 | 4.00 | 2.0 | 4,489.14 | 12 | 217.0 | 582 |
| 2,514.99 | 132,580 | 66 | 167 | 3.18 | 1.9 | 3,526.72 | 11 | 200.9 | 303 |
| 30,890.41 | 1,807,865 | 489 | 308 | 5.26 | 1.7 | 45,060.63 | 41 | 1,827.3 | 11,638 |
| 1,637.42 | 76,469 | 49 | 130 | 2.78 | 2.1 | 3,039.05 | 6 | 134.6 | 251 |
| 697.52 | 17,891 | 19 | 78 | 3.06 | 3.9 | 1,249.75 | 1 | 41.8 | 87 |
| 4,626.46 | 205,602 | 68 | 252 | 5.67 | 2.3 | 4,624.42 | 4 | 238.5 | 429 |
| 1,235.29 | 37,063 | 36 | 86 | 2.86 | 3.3 | 763.45 | 2 | 38.0 | 157 |
| 1,611.75 | 60,120 | 15 | 334 | 8.95 | 2.7 | 584.35 | 2 | 26.2 | 207 |
| 210.69 | 6,390 | 3 | 177 | 5.85 | 3.3 | .......... | ...... | ........ | 86 |
| 8,412.55 | 558,524 | 127 | 366 | 5.52 | 1.5 | 8,840.47 | 20 | 531.4 | 663 |
| 30,092.12 | 1,940,875 | 290 | 558 | 8.65 | 1.6 | 38,132.45 | 41 | 1,758.3 | 5,852 |
| 7,386.74 | 375,978 | 119 | 263 | 5.17 | 2.0 | 4,101.33 | 14 | 262.5 | 658 |
| 1,858.36 | 63,428 | 33 | 160 | 4.69 | 2.9 | 321.67 | 1 | 11.3 | 136 |
| 1,655.53 | 58,385 | 47 | 104 | 2.94 | 2.8 | 762.15 | 2 | 34.0 | 181 |
| 1,976.39 | 90,760 | 34 | 222 | 4.84 | 2.2 | 493.67 | 3 | 18.3 | 324 |
| 7,273.28 | 298,553 | 130 | 191 | 4.66 | 2.4 | 5,193.87 | 19 | 238.9 | 634 |
| 4,217.45 | 164,942 | 79 | 174 | 4.45 | 2.6 | 3,555.75 | 9 | 114.1 | 312 |

## STATEMENT

### Statistics Relating to the Supply of Electrical Energy to Consumers For Domestic Service, for Commercial Light Service

### Group III—SMALL TOWNS (less than 2,000 population),

| Municipality | System | Population | Domestic service | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Revenue | Consumption | Number of consumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. |
| | | | $ c. | kw-hr. | | kw-hr. | $ c. | cents |
| Grand Valley | G.B. | 692 | 3,685.67 | 103,310 | 181 | 48 | 1.70 | 3.6 |
| Granton | Nia. | P.V. | 2,126.04 | 107,177 | 78 | 114 | 2.27 | 2.0 |
| Hagersville | Nia. | 1,429 | 7,546.79 | 428,769 | 408 | 88 | 1.54 | 1.8 |
| Harriston | Nia. | 1,287 | 7,654.87 | 428,303 | 388 | 92 | 1.64 | 1.8 |
| Harrow | Nia. | 1,086 | 10,852.37 | 782,606 | 332 | 196 | 2.72 | 1.4 |
| Hastings | E.O. | 763 | 4,033.78 | 139,549 | 228 | 51 | 1.47 | 2.9 |
| Havelock | E.O. | 907 | 4,459.67 | 190,826 | 284 | 56 | 1.31 | 2.3 |
| Hensall | Nia. | 680 | 4,597.12 | 206,540 | 217 | 79 | 1.77 | 2.2 |
| Highgate | Nia. | 312 | 1,683.02 | 62,950 | 104 | 50 | 1.35 | 2.7 |
| Holstein | G.B. | P.V. | 1,063.67 | 17,970 | 52 | 29 | 1.70 | 5.9 |
| Iroquois | E.O. | 1,104 | 6,384.70 | 269,770 | 272 | 83 | 1.96 | 2.3 |
| Jarvis | Nia. | 550 | 3,021.96 | 111,569 | 159 | 58 | 1.58 | 2.7 |
| Kemptville | E.O. | 1,159 | 7,596.64 | 388,755 | 362 | 89 | 1.74 | 2.0 |
| Kirkfield | G.B. | P.V. | 936.13 | 20,260 | 34 | 50 | 2.29 | 4.6 |
| Lakefield | E.O. | 1,267 | 6,752.92 | 294,356 | 345 | 71 | 1.63 | 2.3 |
| Lambeth | Nia. | P.V. | 3,385.59 | 206,465 | 136 | 127 | 2.07 | 1.6 |
| Lanark | E.O. | 660 | 2,776.91 | 95,085 | 169 | 47 | 1.36 | 2.9 |
| Lancaster | E.O. | 582 | 2,145.31 | 62,994 | 108 | 49 | 1.66 | 3.4 |
| La Salle | Nia. | 1,010 | 8,548.33 | 493,155 | 242 | 170 | 2.94 | 1.7 |
| London Twp. | Nia. | ....... | 15,015.07 | 1,191,870 | 478 | 208 | 2.62 | 1.3 |
| Lucan | Nia. | 621 | 4,702.25 | 262,346 | 170 | 129 | 2.31 | 1.8 |
| Lucknow | G.B. | 964 | 6,034.78 | 210,711 | 272 | 65 | 1.85 | 2.9 |
| Lynden | Nia. | P.V. | 2,823.71 | 145,077 | 102 | 119 | 2.31 | 1.9 |
| Madoc | E.O. | 1,130 | 5,178.29 | 217,483 | 308 | 59 | 1.40 | 2.4 |
| Markdale | G.B. | 781 | 3,858.25 | 150,340 | 220 | 57 | 1.46 | 2.6 |
| Markham | Nia. | 1,126 | 8,194.55 | 507,010 | 337 | 125 | 2.03 | 1.6 |
| Marmora | E.O. | 983 | 4,480.06 | 149,310 | 240 | 52 | 1.56 | 3.0 |
| Martintown | E.O. | P.V. | 759.57 | 35,936 | 51 | 59 | 1.24 | 2.1 |
| Maxville | E.O. | 811 | 3,296.02 | 114,420 | 163 | 58 | 1.69 | 2.9 |
| Merlin | Nia. | P.V. | 2,519.21 | 88,924 | 126 | 59 | 1.67 | 2.8 |
| Mildmay | G.B. | 779 | 3,916.33 | 210,768 | 172 | 102 | 1.90 | 1.9 |
| Millbrook | E.O. | 763 | 4,349.32 | 103,975 | 170 | 51 | 2.13 | 4.2 |
| Milton | Nia. | 1,922 | 13,906.11 | 833,846 | 540 | 129 | 2.15 | 1.7 |
| Milverton | Nia. | 995 | 5,425.93 | 354,840 | 257 | 115 | 1.76 | 1.5 |
| Mitchell | Nia. | 1,678 | 13,041.52 | 926,631 | 511 | 151 | 2.13 | 1.4 |
| Moorefield | Nia. | P.V. | 1,090.85 | 32,575 | 57 | 48 | 1.59 | 3.3 |
| Morrisburg | E.O. | 1,518 | 9,539.55 | 554,254 | 406 | 114 | 1.96 | 1.7 |
| Mt. Brydges | Nia. | P.V. | 2,961.13 | 140,438 | 156 | 75 | 1.58 | 2.1 |
| Mt. Forest | G.B. | 1,936 | 9,233.46 | 443,710 | 463 | 80 | 1.66 | 2.1 |
| Neustadt | G.B. | 414 | 2,294.18 | 37,465 | 104 | 30 | 1.84 | 6.1 |

## "D"—Continued

### in Ontario Municipalities Served by the Commission and for Power Service during the Year 1942

### VILLAGES AND SUBURBAN AREAS

| Commercial Light service | | | | | | Power service | | | Total number of consumers |
|---|---|---|---|---|---|---|---|---|---|
| Revenue | Consumption | Number of consumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. | Revenue | Number of consumers | Average monthly horsepower | |
| $ c. | kw-hr. | | kw-hr. | $ c. | cents | $ c. | | | |
| 2,379.27 | 60,355 | 54 | 93 | 3.67 | 3.9 | 2,287.17 | 6 | 92.9 | 241 |
| 1,144.49 | 50,457 | 29 | 145 | 3.29 | 2.3 | ........... | ...... | ........ | 107 |
| 6,480.30 | 373,703 | 112 | 278 | 4.82 | 1.7 | 19,021.49 | 14 | 953.5 | 534 |
| 5,028.11 | 232,724 | 104 | 186 | 4.03 | 2.2 | 6,184.94 | 11 | 265.2 | 503 |
| 5,323.08 | 233,466 | 90 | 216 | 4.93 | 2.3 | 3,740.60 | 7 | 167.2 | 429 |
| 2,259.52 | 65,526 | 53 | 103 | 3.55 | 3.4 | 190.97 | 3 | 15.2 | 284 |
| 2,416.39 | 67,196 | 53 | 106 | 3.79 | 3.6 | 1,820.22 | 2 | 66.3 | 339 |
| 2,422.56 | 78,740 | 60 | 109 | 3.36 | 3.1 | 3,015.10 | 14 | 149.0 | 291 |
| 791.50 | 26,675 | 35 | 64 | 1.88 | 3.0 | 1,260.58 | 6 | 64.3 | 145 |
| 678.63 | 17,090 | 20 | 71 | 2.83 | 4.0 | 273.93 | 2 | 17.5 | 74 |
| 3,487.78 | 168,560 | 94 | 149 | 3.09 | 2.1 | 1,836.84 | 3 | 65.0 | 369 |
| 2,189.22 | 107,118 | 41 | 218 | 4.45 | 2.0 | 3,594.25 | 3 | 138.5 | 203 |
| 4,916.71 | 232,380 | 81 | 239 | 5.05 | 2.1 | 4,359.93 | 5 | 176.6 | 448 |
| 985.68 | 19,124 | 19 | 84 | 4.32 | 5.2 | ........... | ...... | ........ | 53 |
| 4,590.52 | 191,793 | 70 | 228 | 5.46 | 2.4 | 4,866.42 | 8 | 231.4 | 423 |
| 1,226.02 | 46,840 | 21 | 185 | 4.87 | 2.6 | 643.38 | 3 | 57.9 | 160 |
| 1,712.62 | 54,261 | 41 | 110 | 3.48 | 3.2 | ........... | ...... | ........ | 210 |
| 1,177.92 | 37,550 | 29 | 108 | 3.38 | 3.1 | ........... | ...... | ........ | 137 |
| 1,252.65 | 44,173 | 12 | 307 | 8.70 | 2.8 | 177.50 | 2 | 9.3 | 256 |
| 1,994.22 | 141,525 | 20 | 590 | 8.31 | 1.4 | 1,747.19 | 5 | 87.6 | 503 |
| 2,358.93 | 85,879 | 49 | 146 | 4.01 | 2.7 | 1,322.86 | 6 | 66.6 | 225 |
| 5,288.19 | 137,215 | 87 | 131 | 5.07 | 3.9 | 7,656.56 | 7 | 234.4 | 366 |
| 769.18 | 27,697 | 17 | 136 | 3.77 | 2.8 | 822.61 | 2 | 45.0 | 121 |
| 3,984.63 | 147,127 | 84 | 146 | 3.95 | 2.7 | 1,333.47 | 4 | 70.7 | 396 |
| 3,174.91 | 116,690 | 68 | 143 | 3.89 | 2.7 | 2,515.69 | 9 | 137.6 | 297 |
| 3,086.99 | 144,626 | 71 | 170 | 3.62 | 2.1 | 3,076.51 | 9 | 150.0 | 417 |
| 2,114.47 | 92,933 | 41 | 188 | 4.29 | 2.3 | 259.54 | 2 | 23.6 | 283 |
| 875.46 | 34,838 | 24 | 121 | 3.04 | 2.5 | ........... | ...... | ........ | 75 |
| 2,734.72 | 63,037 | 48 | 108 | 4.75 | 4.3 | ........... | ...... | ........ | 211 |
| 2,186.24 | 83,354 | 50 | 139 | 3.64 | 2.6 | 855.46 | 3 | 31.4 | 179 |
| 2,787.21 | 98,759 | 54 | 152 | 4.30 | 2.8 | 1,065.87 | 2 | 28.9 | 228 |
| 2,021.92 | 35,855 | 60 | 50 | 2.80 | 5.6 | 780.68 | 3 | 18.4 | 233 |
| 7,167.47 | 381,851 | 102 | 312 | 5.86 | 1.9 | 26,726.78 | 17 | 1,108.9 | 659 |
| 4,529.07 | 195,780 | 74 | 220 | 5.10 | 2.3 | 3,767.61 | 10 | 256.7 | 341 |
| 6,285.38 | 356,728 | 128 | 232 | 4.09 | 1.8 | 6,553.64 | 22 | 325.3 | 661 |
| 1,527.99 | 56,930 | 25 | 190 | 5.09 | 2.7 | 46.43 | 1 | 3.0 | 83 |
| 6,428.34 | 237,819 | 98 | 202 | 5.47 | 2.7 | 2,879.53 | 14 | 170.8 | 518 |
| 988.28 | 38,053 | 35 | 91 | 2.35 | 2.6 | 1,037.78 | 5 | 48.6 | 196 |
| 8,654.14 | 397,255 | 141 | 235 | 5.11 | 2.2 | 6,421.68 | 16 | 279.6 | 620 |
| 1,198.24 | 28,194 | 25 | 94 | 3.99 | 4.2 | 1,729.33 | 2 | 55.0 | 131 |

## STATEMENT

### Statistics Relating to the Supply of Electrical Energy to Consumers For Domestic Service, for Commercial Light Service

### Group III—SMALL TOWNS (less than 2,000 population),

| Municipality | System | Population | Domestic service | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Revenue | Consumption | Number of consumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. |
| | | | $ c. | kw-hr. | | kw-hr. | $ c. | cents |
| Newbury | Nia. | 245 | 1,208.61 | 28,837 | 62 | 39 | 1.62 | 4.2 |
| Newcastle | E.O. | 686 | 5,625.22 | 226,931 | 226 | 83 | 2.07 | 2.5 |
| New Hamburg | Nia. | 1,438 | 10,782.05 | 653,993 | 367 | 148 | 2.45 | 1.6 |
| Nipigon Twp. | T.B. | ....... | 4,490.07 | 240,032 | 239 | 84 | 1.56 | 1.9 |
| North York Twp. | Nia. | ....... | 233,812.65 | 12,723,818 | 6,415 | 165 | 3.04 | 1.8 |
| Norwich | Nia. | 1,297 | 8,899.36 | 634,480 | 386 | 137 | 1.92 | 1.4 |
| Norwood | E.O. | 710 | 4,954.26 | 217,660 | 234 | 78 | 1.76 | 2.3 |
| Oil Springs | Nia. | 506 | 1,882.15 | 103,638 | 104 | 83 | 1.50 | 1.8 |
| Omemee | E.O. | 641 | 3,374.38 | 138,132 | 177 | 65 | 1.59 | 2.4 |
| Orono | E.O. | P.V. | 4,454.91 | 143,389 | 179 | 66 | 2.07 | 3.1 |
| Otterville | Nia. | P.V. | 2,534.24 | 122,360 | 140 | 73 | 1.51 | 2.1 |
| Paisley | G.B. | 715 | 4,089.96 | 113,586 | 199 | 48 | 1.71 | 3.6 |
| Palmerston | Nia. | 1,419 | 10,813.41 | 802,684 | 397 | 168 | 2.27 | 1.3 |
| Parkhill | Nia. | 907 | 5,712.19 | 248,990 | 294 | 71 | 1.62 | 2.3 |
| Plattsville | Nia. | P.V. | 2,830.33 | 112,750 | 117 | 80 | 2.02 | 2.5 |
| Point Edward | Nia. | 1,175 | 6,340.90 | 272,535 | 329 | 69 | 1.61 | 2.3 |
| Port Credit | Nia. | 1,728 | 18,515.56 | 1,647,382 | 606 | 227 | 2.55 | 1.1 |
| Port Dalhousie | Nia. | 1,517 | 20,148.10 | 1,665,109 | 675 | 206 | 2.49 | 1.2 |
| Port Dover | Nia. | 1,784 | 10,562.14 | 587,138 | 738 | 66 | 1.19 | 1.8 |
| Port McNicoll | G.B. | 964 | 4,193.71 | 142,775 | 234 | 51 | 1.49 | 2.9 |
| Port Perry | G.B. | 1,230 | 8,355.87 | 347,375 | 376 | 77 | 1.85 | 2.4 |
| Port Rowan | Nia. | 657 | 2,931.80 | 108,310 | 151 | 60 | 1.62 | 2.7 |
| Port Stanley | Nia. | 859 | 16,404.17 | 1,041,923 | 772 | 112 | 1.77 | 1.6 |
| Priceville | G.B. | P.V. | 721.86 | 10,821 | 34 | 27 | 1.77 | 6.7 |
| Princeton | Nia. | P.V. | 2,663.38 | 124,946 | 90 | 115 | 2.47 | 2.1 |
| Queenston | Nia. | P.V. | 3,634.77 | 294,482 | 83 | 296 | 3.65 | 1.2 |
| Richmond | E.O. | 421 | 2,485.83 | 101,294 | 84 | 100 | 2.47 | 2.5 |
| Richmond Hill | Nia. | 1,345 | 10,644.76 | 872,469 | 392 | 185 | 2.26 | 1.2 |
| Ridgetown | Nia. | 1,949 | 9,060.20 | 568,230 | 593 | 80 | 1.27 | 1.6 |
| Ripley | G.B. | 402 | 3,359.72 | 81,700 | 116 | 59 | 2.41 | 4.1 |
| Rockwood | Nia. | P.V. | 4,329.90 | 232,830 | 174 | 112 | 2.07 | 1.9 |
| Rodney | Nia. | 721 | 3,260.84 | 152,870 | 239 | 54 | 1.14 | 2.1 |
| Rosseau | G.B. | 233 | 2,879.35 | 47,293 | 70 | 56 | 3.45 | 6.1 |
| Russell | E.O. | P.V. | 2,966.38 | 103,716 | 118 | 73 | 2.09 | 2.9 |
| St. Clair Beach | Nia. | 145 | 2,887.99 | 118,330 | 97 | 102 | 2.48 | 2.4 |
| St. George | Nia. | P.V. | 3,271.44 | 157,190 | 161 | 81 | 1.69 | 2.1 |
| St. Jacobs | Nia. | P.V. | 4,055.24 | 298,558 | 137 | 182 | 2.47 | 1.4 |
| Scarboro Twp. | Nia. | ....... | 128,402.23 | 8,103,908 | 5,552 | 122 | 1.93 | 1.6 |
| Seaforth | Nia. | 1,691 | 11,389.85 | 680,156 | 505 | 112 | 1.88 | 1.7 |
| Shelburne | G.B. | 1,050 | 5,857.49 | 227,160 | 302 | 63 | 1.62 | 2.6 |
| Sioux Lookout | N.O.P. | 1,950 | 16,628.16 | 356,912 | 482 | 62 | 2.87 | 4.7 |
| Smithville | Nia. | P.V. | 4,029.28 | 135,893 | 184 | 62 | 1.82 | 3.0 |
| Southampton | G.B. | 1,561 | 10,871.80 | 625,789 | 550 | 95 | 1.65 | 1.7 |
| Springfield | Nia. | 417 | 2,113.37 | 78,050 | 112 | 58 | 1.57 | 2.7 |
| Stamford Twp. | Nia. | ....... | 72,256.48 | 6,168,683 | 2,430 | 212 | 2.48 | 1.2 |

## "D"—Continued

**in Ontario Municipalities Served by the Commission and for Power Service during the year 1942**

**VILLAGES AND SUBURBAN AREAS**

| Commercial Light service | | | | | | Power service | | | |
|---|---|---|---|---|---|---|---|---|---|
| Revenue | Consumption | Number of consumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. | Revenue | Number of consumers | Average monthly horse-power | Total number of consumers |
| $ c. | kw-hr. | | kw-hr. | $ c. | cents | $ c. | | | |
| 552.10 | 11,696 | 18 | 54 | 2.56 | 4.7 | 197.30 | 1 | 13.6 | 81 |
| 2,697.11 | 94,291 | 35 | 224 | 6.42 | 2.9 | 2,937.48 | 4 | 95.6 | 265 |
| 4,724.25 | 213,986 | 94 | 190 | 4.19 | 2.2 | 7,891.11 | 13 | 396.7 | 474 |
| 3,968.62 | 228,400 | 54 | 352 | 6.12 | 1.7 | 840.63 | 5 | 58.0 | 298 |
| 52,654.69 | 3,000,140 | 308 | 812 | 14.25 | 1.8 | 101,164.96 | 47 | 3,312.9 | 6,770 |
| 4,846.55 | 211,550 | 89 | 198 | 4.54 | 2.3 | 1,906.30 | 9 | 123.4 | 484 |
| 2,228.66 | 59,800 | 55 | 91 | 3.38 | 3.7 | 539.40 | 3 | 29.1 | 292 |
| 1,338.51 | 58,110 | 32 | 151 | 3.48 | 2.3 | 5,759.04 | 32 | 172.5 | 168 |
| 993.14 | 36,371 | 31 | 98 | 2.66 | 2.7 | 2,863.23 | 6 | 143.1 | 214 |
| 2,144.03 | 53,687 | 37 | 120 | 4.83 | 4.0 | 53.22 | 1 | 3.0 | 217 |
| 1,912.43 | 88,628 | 45 | 164 | 3.54 | 2.2 | 540.75 | 4 | 33.5 | 189 |
| 2,539.53 | 79,590 | 50 | 133 | 4.23 | 3.2 | 917.96 | 4 | 35.8 | 253 |
| 5,090.18 | 261,341 | 102 | 214 | 4.16 | 1.9 | 6,865.97 | 14 | 407.2 | 513 |
| 3,260.84 | 114,080 | 57 | 167 | 4.77 | 2.9 | 1,489.43 | 6 | 54.0 | 357 |
| 1,441.03 | 88,422 | 24 | 307 | 5.00 | 1.6 | 2,350.98 | 2 | 81.9 | 143 |
| 2,560.86 | 110,527 | 44 | 209 | 4.85 | 2.3 | 45,082.95 | .9 | 1,696.0 | 382 |
| 7,744.84 | 469,017 | 88 | 444 | 7.33 | 1.7 | 5,471.34 | 10 | 224.7 | 704 |
| 4,196.14 | 290.327 | 63 | 384 | 5.55 | 1.5 | 7,578.88 | 12 | 401.5 | 750 |
| 5,436.71 | 309,552 | 85 | 303 | 5.32 | 1.8 | 5,286.20 | 16 | 263.8 | 839 |
| 727.40 | 21,530 | 20 | 90 | 3.03 | 3.4 | 54.50 | 1 | 1.6 | 255 |
| 3,267.53 | 115,738 | 75 | 129 | 3.63 | 2.8 | 2,784.39 | 11 | 118.5 | 462 |
| 2,229.69 | 100,570 | 40 | 210 | 4.65 | 2.2 | 107.76 | 2 | 6.7 | 193 |
| 4,865.98 | 230,574 | 95 | 202 | 4.27 | 2.1 | 4,042.08 | 11 | 213.0 | 878 |
| 226.42 | 3,244 | 8 | 34 | 2.36 | 7.0 | 107.14 | 1 | 2.5 | 43 |
| 920.41 | 31,846 | 22 | 121 | 3.49 | 2.9 | 2,202.81 | 3 | 85.1 | 115 |
| 1,808.86 | 86,741 | 15 | 482 | 10.05 | 2.4 | ........... | ...... | ........ | 98 |
| 1,302.80 | 47,718 | 21 | 189 | 5.17 | 2.7 | ........... | ...... | ........ | 105 |
| 4,289.34 | 245,226 | 74 | 276 | 4.83 | 1.7 | 2,252.12 | 13 | 131.0 | 479 |
| 7,445.42 | 395,922 | 136 | 243 | 4.56 | 1.9 | 6,831.06 | 19 | 387.1 | 748 |
| 1,792.58 | 43,175 | 46 | 78 | 3.25 | 4.2 | 1,597.22 | 1 | 63.0 | 163 |
| 883.90 | 36 290 | 26 | 116 | 2.83 | 2.4 | 28.43 | 1 | 2.0 | 201 |
| 2,343.80 | 90,607 | 71 | 106 | 2.75 | 2.6 | 2,041.18 | 6 | 99.1 | 316 |
| 828.91 | 14,254 | 14 | 85 | 4.93 | 5.8 | ........... | ...... | ........ | 84 |
| 1,322.66 | 33,873 | 31 | 91 | 3.56 | 3.9 | ........... | ...... | ........ | 149 |
| 2,374.86 | 97,260 | 6 | 1,351 | 32.98 | 2.4 | 182.49 | 1 | 10.0 | 104 |
| 1,517.01 | 73,399 | 32 | 191 | 3.95 | 2.1 | 2,520.16 | 1 | 93.7 | 194 |
| 1,789.58 | 79,065 | 29 | 227 | 5.14 | 2.3 | 4,479.27 | 7 | 204.8 | 173 |
| 25,953.50 | 1,297,678 | 371 | 291 | 5.83 | 2.0 | 34,620.79 | 38 | 1,366.7 | 5,961 |
| 7,188.28 | 419,105 | 104 | 336 | 5.76 | 1.7 | 7,871.71 | 19 | 409.0 | 628 |
| 3,847.21 | 163,590 | 81 | 168 | 3.96 | 2.4 | 3,185.34 | 13 | 194.1 | 396 |
| 12,733.15 | 261,855 | 100 | 218 | 10.61 | 4.9 | 1,369.02 | 2 | 32.5 | 584 |
| 2,922.56 | 95,955 | 54 | 148 | 4.51 | 3.0 | 2,700.81 | 5 | 129.3 | 243 |
| 5,486.22 | 239,865 | 97 | 206 | 4.71 | 2.3 | 8,989.06 | 12 | 327.5 | 659 |
| 841.55 | 24,367 | 30 | 68 | 2.34 | 3.4 | 875.72 | 3 | 40.0 | 145 |
| 13,360.15 | 960,183 | 163 | 491 | 6.83 | 1.4 | 16,903.75 | 20 | 1,030.1 | 2,613 |

## STATEMENT

### Statistics Relating to the Supply of Electrical Energy to Consumers For Domestic Service, for Commercial Light Service

### Group III—SMALL TOWNS (less than 2,000 population),

| Municipality | System | Population | Domestic service | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Revenue | Consumption | Number of consumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. |
| | | | $ c. | kw-hr. | | kw-hr. | $ c. | cents |
| Stayner | G.B. | 1,150 | 5,559.02 | 307,199 | 313 | 82 | 1.48 | 1.8 |
| Stirling | E.O. | 922 | 5,668.14 | 398,607 | 285 | 117 | 1.66 | 1.4 |
| Stouffville | Nia. | 1,219 | 7,089.92 | 381,718 | 403 | 79 | 1.47 | 1.9 |
| Streetsville | Nia. | 708 | 5,484.61 | 302,620 | 201 | 125 | 2.27 | 1.8 |
| Sunderland | G.B. | P.V. | 3,012.10 | 97,728 | 136 | 60 | 1.85 | 3.1 |
| Sutton | Nia. | 909 | 8,370.76 | 313,480 | 457 | 57 | 1.53 | 2.7 |
| Tara | G.B. | 490 | 3,402.37 | 88,568 | 157 | 47 | 1.81 | 3.8 |
| Tavistock | Nia. | 1,092 | 8,620.17 | 582,269 | 298 | 163 | 2.41 | 1.5 |
| Teeswater | G.B. | 843 | 4,806.05 | 161,140 | 231 | 58 | 1.73 | 3.0 |
| Thamesford | Nia. | P.V. | 3,570.45 | 270,860 | 141 | 160 | 2.11 | 1.3 |
| Thamesville | Nia. | 792 | 3,477.67 | 186,521 | 237 | 66 | 1.22 | 1.9 |
| Thedford | Nia. | 566 | 3,315.61 | 97,775 | 166 | 49 | 1.66 | 3.4 |
| Thorndale | Nia. | P.V. | 1,789.12 | 67,792 | 75 | 75 | 1.99 | 2.6 |
| Thornton | G.B. | P.V. | 1,640.27 | 29,390 | 67 | 37 | 2.04 | 5.6 |
| Tilbury | Nia. | 1,965 | 7,263.96 | 449,490 | 498 | 75 | 1.22 | 1.6 |
| Toronto Twp. | Nia. | ....... | 80,728.43 | 5,909,124 | 2,795 | 176 | 2.41 | 1.4 |
| Tottenham | G.B. | 476 | 3,926.71 | 116,180 | 142 | 68 | 2.30 | 3.4 |
| Trafalgar Twp. No. 1 | Nia. | ....... | 14,803.07 | 854,502 | 378 | 188 | 3.26 | 1.7 |
| Trafalgar Twp. No. 2 | Nia. | ....... | 5,154.50 | 261,472 | 154 | 141 | 2.79 | 2.0 |
| Tweed | E.O. | 1,242 | 6,409.18 | 259,713 | 303 | 71 | 1.76 | 2.5 |
| Uxbridge | G.B. | 1,366 | 9,242.50 | 449,491 | 399 | 94 | 1.93 | 2.1 |
| Victoria Harbour | G.B. | 991 | 3,654.57 | 133,920 | 260 | 43 | 1.17 | 2.7 |
| Wardsville | Nia. | 205 | 1,549.17 | 42,219 | 59 | 60 | 2.19 | 3.7 |
| Warkworth | E.O. | P.V. | 2,214.14 | 63,546 | 136 | 39 | 1.36 | 3.5 |
| Waterdown | Nia. | 841 | 5,754.25 | 396,050 | 268 | 123 | 1.79 | 1.5 |
| Waterford | Nia. | 1,261 | 6,925.71 | 438,445 | 393 | 93 | 1.47 | 1.6 |
| Watford | Nia. | 1,054 | 7,695.75 | 414,345 | 309 | 112 | 2.08 | 1.9 |
| Waubaushene | G.B. | P.V. | 3,313.41 | 143,210 | 226 | 53 | 1.22 | 2.3 |
| Wellesley | Nia. | P.V. | 2,513.44 | 146,372 | 135 | 90 | 1.55 | 1.7 |
| Wellington | E.O. | 927 | 6,576.52 | 308,087 | 345 | 74 | 1.59 | 2.1 |
| West Lorne | Nia. | 790 | 3,350.88 | 172,164 | 222 | 65 | 1.26 | 1.9 |
| Westport | E.O. | 681 | 3,747.17 | 102,735 | 138 | 62 | 2.26 | 3.6 |
| Wheatley | Nia. | 758 | 3,911.98 | 168,910 | 236 | 60 | 1.38 | 2.3 |
| Wiarton | G.B. | 1,704 | 7,727.07 | 298,350 | 410 | 61 | 1.57 | 2.6 |
| Williamsburg | E.O. | P.V. | 1,693.39 | 126,470 | 96 | 110 | 1.47 | 1.3 |
| Winchester | E.O. | 1,146 | 6,679.17 | 463,726 | 302 | 128 | 1.84 | 1.4 |
| Windermere | G.B. | 118 | 2,651.05 | 41,754 | 64 | 54 | 3.45 | 6.3 |
| Woodbridge | Nia. | 1,032 | 8,385.92 | 554,359 | 308 | 150 | 2.27 | 1.5 |
| Woodville | G.B. | 427 | 2,247.66 | 91,930 | 119 | 64 | 1.57 | 2.4 |
| Wyoming | Nia. | 554 | 2,625.66 | 87,361 | 159 | 46 | 1.38 | 3.0 |
| York Twp. | Nia. | ....... | 547,611.58 | 32,472,831 | 21,316 | 127 | 2.14 | 1.7 |
| Zurich | Nia. | P.V. | 3,690.41 | 135,272 | 148 | 76 | 2.08 | 2.7 |

## "D"—Concluded

**in Ontario Municipalities Served by the Commission and for Power Service during the year 1942**

### VILLAGES AND SUBURBAN AREAS

| Commercial Light service | | | | | | Power service | | | Total number of consumers |
|---|---|---|---|---|---|---|---|---|---|
| Revenue | Consumption | Number of consumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. | Revenue | Number of consumers | Average monthly horse-power | |
| $ c. | kw-hr. | | kw-hr. | $ c. | cents | $ c. | | | |
| 3,553.21 | 178,852 | 94 | 159 | 3.15 | 2.0 | 2,649.37 | 15 | 184.0 | 422 |
| 3,314.77 | 143,940 | 71 | 169 | 3.89 | 2.3 | 1,483.42 | 10 | 75.7 | 366 |
| 4,341.10 | 207,092 | 90 | 192 | 4.02 | 2.1 | 1,143.31 | 7 | 66.3 | 500 |
| 2,008.54 | 68,060 | 50 | 114 | 3.35 | 3.0 | 4,973.24 | 6 | 189.2 | 257 |
| 1,455.62 | 42,687 | 35 | 102 | 3.47 | 3.4 | 294.93 | 2 | 11.8 | 173 |
| 3,737.79 | 129,630 | 78 | 138 | 3.99 | 2.9 | 1,157.48 | 3 | 39.1 | 538 |
| 1,436.59 | 49 333 | 34 | 121 | 3.52 | 2.9 | 1,379.20 | 5 | 48.5 | 196 |
| 4,123.66 | 195,828 | 96 | 170 | 3.58 | 2.1 | 9,210.53 | 9 | 405.8 | 403 |
| 2,803.23 | 76,137 | 55 | 115 | 4.25 | 3.7 | 1,092.45 | 3 | 84.2 | 289 |
| 1,466.11 | 80,286 | 41 | 163 | 2.98 | 1.8 | 1,622.51 | 6 | 87.8 | 188 |
| 3,161.23 | 190,427 | 80 | 198 | 3.29 | 1.7 | 1,991.13 | 6 | 89.0 | 323 |
| 2,659.52 | 64,699 | 46 | 117 | 4.82 | 4.1 | 1,202.90 | 2 | 34.2 | 214 |
| 741.86 | 21,710 | 22 | 82 | 2.81 | 3.4 | 1,169.15 | 2 | 40.9 | 99 |
| 441.94 | 13,945 | 11 | 106 | 3.35 | 3.2 | 286.10 | 2 | 12.2 | 80 |
| 7.376.00 | 499,430 | 125 | 333 | 4.92 | 1.5 | 28,125.50 | 14 | 1,328.0 | 637 |
| 16,389.56 | 983,250 | 184 | 445 | 7.42 | 1.7 | 12,520.95 | 29 | 625.5 | 3,008 |
| 1,398.07 | 29,039 | 39 | 62 | 2.99 | 4.8 | 1,658.78 | 8 | 56.1 | 189 |
| 469.74 | 26,550 | 2 | 1,106 | 19.57 | 1.8 | 477.55 | 6 | 37.3 | 386 |
| 757.36 | 39,110 | 17 | 192 | 3.71 | 1.9 | 211.78 | 2 | 5.5 | 173 |
| 4,597.58 | 144,688 | 85 | 142 | 4.51 | 3.2 | 4,068.68 | 13 | 155.3 | 401 |
| 4,468.45 | 142,996 | 94 | 127 | 3.96 | 3.1 | 2,617.88 | 11 | 118.8 | 504 |
| 922.55 | 43,475 | 28 | 129 | 2.75 | 2.1 | 112.19 | 1 | 3.0 | 289 |
| 882.67 | 27,835 | 20 | 116 | 3.68 | 3.2 | 50.11 | 1 | 3.0 | 80 |
| 1,342.98 | 40,363 | 40 | 84 | 3.01 | 3.6 | 103.47 | 1 | 2.9 | 177 |
| 1,576.08 | 100,180 | 31 | 269 | 4.24 | 1.6 | 1,356.69 | 7 | 68.2 | 306 |
| 3,557.96 | 173,730 | 71 | 204 | 4.18 | 2.0 | 6,793.08 | 15 | 414.4 | 479 |
| 3,732.08 | 164,055 | 72 | 190 | 4.32 | 2.3 | 4,765.20 | 7 | 165.5 | 388 |
| 598.78 | 31,055 | 21 | 123 | 2.38 | 1.9 | 187.33 | 3 | 9.3 | 250 |
| 1,663.05 | 51,073 | 46 | 93 | 3.01 | 3.3 | 1,131.94 | 4 | 56.8 | 185 |
| 2,826.11 | 120,642 | 65 | 155 | 3.62 | 2.3 | 759.63 | 5 | 31.4 | 415 |
| 2,776.53 | 154,747 | 52 | 248 | 4.45 | 1.8 | 4,590.38 | 8 | 196.9 | 282 |
| 2,811.07 | 76,320 | 47 | 135 | 4.97 | 3.7 | .......... | ...... | ....... | 185 |
| 3,075.29 | 113,706 | 71 | 133 | 3.61 | 2.7 | 3,135.70 | 6 | 125.5 | 313 |
| 7,987.66 | 299,940 | 100 | 250 | 6.66 | 2.7 | 4,028.14 | 15 | 141.2 | 525 |
| 2,099.98 | 95,140 | 38 | 209 | 4.61 | 2.2 | 138.88 | 1 | 10.8 | 135 |
| 4,068.29 | 198,717 | 90 | 184 | 3.77 | 2.0 | 1,862.17 | 3 | 85.9 | 395 |
| 1,250.23 | 26,089 | 14 | 155 | 7.44 | 4.8 | 135.85 | 1 | 7.5 | 79 |
| 2,308.93 | 105,130 | 47 | 186 | 4.09 | 2.2 | 10,841.22 | 8 | 537.1 | 363 |
| 944.36 | 29,660 | 25 | 99 | 3.15 | 3.2 | 571.17 | 2 | 37.9 | 146 |
| 1,483.62 | 42,965 | 44 | 81 | 2.81 | 3.5 | 204.42 | 2 | 16.0 | 205 |
| 79,066.94 | 4,571,601 | 996 | 382 | 6.61 | 1.7 | 181,969.18 | 169 | 7,761.9 | 22,481 |
| 3,028.39 | 112,671 | 46 | 204 | 5.49 | 2.7 | ............ | ...... | ........ | 194 |

## STATEMENT "E"

### Cost of Power to Municipalities and Rates to Consumers for Domestic Service—Commercial Light Service—Power Service in Ontario Urban Municipalities Served by The Hydro-Electric Power Commission for the year 1942

In Statement "E" are presented the rate schedules applicable to consumers for domestic service, for commercial light service and for power service in each of the co-operating municipalities receiving service at cost through The Hydro-Electric Power Commission.* The cost per horsepower of the power supplied at wholesale by the Commission to the municipality, an important factor in determining rates to consumers, is also stated.

#### Cost of Power to Municipalities

The figures in the first column represent the total cost for the year of the power supplied by the Commission to the municipality, divided by the number of horsepower supplied. Details respecting these costs are given in the "Cost of Power" tables relating to the several systems, as presented in Section IX, and an explanation of the items making up the cost of power is given in the introduction to that Section.

#### Rates to Consumers

The Power Commission Act stipulates that "The rates chargeable by any municipal corporation generating or receiving and distributing electrical power or energy shall at all times be subject to the approval and control of the Commission,"† in accordance with the Act and in pursuance of its fundamental principle of providing service at cost, the Commission requires that accurate cost records be kept in each municipality, and exercises a continuous supervision over the rates charged to consumers.

At the commencement of its operations, the Commission introduced scientifically-designed rate schedules for each of the three main classes into which the electrical service is usually divided, namely: residential or domestic service, commercial light service, and power service, and the schedules in use during the past year are presented in the tables of this statement.

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*Except townships served as parts of rural power districts, for which consult latter part of Section IV.

†R.S.O. 1937, Ch. 62, Sec. 89.

*Domestic Service:* Domestic rates apply to electrical service in residences, for all household purposes, including lighting, cooking and the operation of all domestic appliances.

During the past few years most of the urban municipal utilities have further simplified the domestic rate structure by abolishing the service charge, and making a suitable adjustment in the first consumption rate. Where the service charge is retained at 33 and 66 cents gross per month the charge of 33 cents per month per service is made when the permanently installed appliance load is under 2,000 watts, and the charge of 66 cents per month when 2,000 watts or more.

*Commercial Light Service:* Electrical energy used in stores, offices, churches schools, public halls and institutions, hotels, public boarding-houses, and in all other premises for commercial purposes, including sign and display lighting, is billed at commercial lighting rates.

*Water-Heater Service:* For all consumers using continuous electric water heaters, low flat rates are available consisting of a fixed charge per month dependent on the capacity of the heating element and the cost of power to the municipal utility. Such heaters are so connected that the electrical energy they consume is not metered. For new installations the necessary equipment, including heater, thermostat, efficient insulation for water-storage tank, and wiring, is installed by a large number of municipal Hydro utilities, without capital cost to the consumer.† The installation of new water-heating services is suspended for the duration of the war.

*Power Service:* The rate schedules given for power service in Statement "E" are those governing the supply of power at retail by each of the local municipal utilities. The Commission serves direct, certain large power consumers under special contracts, on behalf of the various systems of municipalities.

The rates for power service, as given in the tables, are the rates for 24-hour unrestricted power at secondary distribution voltage. For service at primary distribution voltage the rates are usually five per cent lower than those stated. In municipalities where load conditions and other circumstances permit, lower rates are available for "restricted power", discounts additional to those listed in the table being applicable.

The service charge relates to the connected load or to the maximum demand, as measured by a 10-minute average peak, where a demand meter is installed. The prompt payment discount of 10 per cent on the total monthly bill is given for settlement within 10 days.

Under the tabulation of rates for power service there is a column headed "Basis of rate 130 hours' monthly use of demand." This column shows approximately the net annual amount payable for a demand of one horsepower, assuming a monthly use of 130 hours, which includes 30 hours' use each month at the third energy rate. Broadly, the figures in this column serve to indicate approximately the relative cost of power service in the different municipalities listed.

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†In addition, the municipal Hydro utilities supply booster water-heating equipment to furnish extra requirements beyond the capacity of the continuous heater; current for the booster heater is measured and charged for at the regular rates.

## STATEMENT

## Cost of Power to Municipalities and Rates to Consumers for for the Year 1942, in Urban Municipalities

| Municipality<br>C—City<br>T—Town<br>(pop. 2,000 or more) | Annual cost to the Commission on the works to serve electrical energy to municipality on a horse-power basis | Domestic service | | | | | |
|---|---|---|---|---|---|---|---|
| | | Service charge per month* | First rate | | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount |
| | | | Number of kw-hrs. per month | Per kw-hr. per month | | | |
| | $ c. | cents | | cents | cents | $ c. | % |
| Acton | 26.72 | .... | 60 | 2.5 | 1.0 | 0.83 | 10 |
| Agincourt | 26.98 | .... | 60 | 3.4 | 1.1 | 1.11 | 10 |
| Ailsa Craig | 34.74 | .... | 60 | 2.8 | 0.9 | 0.83 | 10 |
| Alexandria T | 45.97 | .... | 50 | 4.5 | 1.2 | 1.11 | 10 |
| Alliston T | 42.64 | .... | 40 | 5.3 | 1.3 | 1.39 | 10 |
| Alvinston | 43.26 | .... | 60 | 4.7 | 1.2 | 1.38 | 10 |
| Amherstburg T | 29.68 | .... | 60 | 3.4 | 0.9 | 0.83 | 10 |
| Ancaster Twp. | 25.73 | .... | 60 | 3.8 | 1.3 | 0.83 | 10 |
| Apple Hill | 39.00 | .... | 60 | 5.0 | 1.3 | 1.66 | 10 |
| Arkona | 49.30 | .... | 60 | 5.0 | 1.8 | 1.78 | 10 |
| Arnprior T | 25.35 | .... | 55 | 3.8 | 1.0 | 0.83 | 10 |
| Arthur | 60.22 | 33–66 | 40 | 4.8 | 1.5 | 1.67 | 10 |
| Athens | 42.05 | 33–66 | 50 | 4.5 | 1.5 | 1.11 | 10 |
| Aylmer T | 28.57 | .... | 60 | 2.3 | 0.8 | 0.83 | 10 |
| Ayr | 31.43 | .... | 60 | 3.4 | 1.1 | 1.11 | 10 |
| Baden | 26.54 | .... | 60 | 2.5 | 1.0 | 0.83 | 10 |
| Bala T | ..... | 33–66 | 50 | 3.7 | 1.2 | 1.66 | 10 |
| Barrie T | 31.14 | .... | 60 | 2.7 | 1.0 | 0.83 | 10 |
| Bath | 45.39 | 33–66 | 40 | 6.0 | 1.5 | 2.78 | 10 |
| Beachville | 26.67 | .... | 60 | 3.1 | 1.1 | 0.83 | 10 |
| Beamsville | 23.65 | .... | 60 | 3.3 | 1.0 | 0.83 | 10 |
| Beardmore Townsite | ..... | .... | 50 | 5.5 | 1.5 | 1.11 | 10 |
| Beaverton | 38.85 | .... | 60 | 2.8 | 1.0 | 1.11 | 10 |
| Beeton | 53.69 | .... | 40 | 5.5 | 1.8 | 1.67 | 10 |
| Belle River | 30.48 | .... | 60 | 3.6 | 1.0 | 1.11 | 10 |
| Belleville C | 24.96 | .... | 55 | 1.9 | 0.7 | 0.83 | 10 |
| Blenheim T | 30.02 | .... | 60 | 2.5 | 0.9 | 0.83 | 10 |
| Bloomfield | 42.54 | .... | 50 | 3.4 | 1.3 | 1.11 | 10 |
| Blyth | 37.97 | .... | 60 | 3.5 | 1.1 | 1.39 | 10 |
| Bolton | 30.38 | .... | 55 | 3.5 | 1.1 | 1.11 | 10 |
| Bothwell T | 34.04 | .... | 60 | 2.4 | 0.8 | 0.83 | 10 |
| Bowmanville T | 29.44 | .... | 60 | 3.5 | 1.0 | 0.83 | 10 |
| Bradford | 44.34 | .... | 40 | 5.2 | 1.3 | 1.67 | 10 |
| Brampton T | 24.23 | .... | 60 | 2.3 | 1.0 | 0.83 | 10 |
| Brantford C | 23.57 | .... | 60 | 2.3 | 0.9 | 0.83 | 10 |
| Brantford Twp. | 27.37 | .... | 60 | 2.7 | 1.0 | 1.11 | 10 |
| Brechin | 44.28 | .... | 45 | 5.5 | 1.2 | 1.67 | 10 |
| Bridgeport | 28.79 | .... | 50 | 4.3 | 1.2 | 1.11 | 10 |
| Brigden | 41.84 | .... | 60 | 3.6 | 0.9 | 1.39 | 10 |
| Brighton | 29.96 | .... | 60 | 4.2 | 1.2 | 1.11 | 10 |

*Where domestic service charge has not been abolished the charge is 33 cents per month per service when the permanently installed appliance load is under 2,000 watts and 66 cents per month when 2,000 watts or more.

"E"

## Domestic Service—Commercial Light Service—Power Service Served by The Hydro-Electric Power Commission

| Commercial Light service | | | | | Power service | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Service charge per 100 watts min. 1,000 watts | First 100 hrs. per month per kw-hr. | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount | Basis of rate 130 hours' monthly use of demand | Service charge per h.p. per month | First 50 hrs. per month per kw-hr. | Second 50 hrs. per month per kw-hr. | All additional per kw-hr. | Minimum per h.p per month | Local discount | Prompt payment discount |
| cents | cents | cents | $ c. | % | $ c. | $ c. | cents | cents | cents | $ c. | % | % |
| 5.0 | 1.8 | 0.5 | 0.83 | 10 | 21.00 | 1.00 | 1.8 | 1.1 | 0.33 | ...... | 10 | 10 |
| 5.0 | 3.0 | 0.6 | 1.11 | 10 | 23.00 | 1.00 | 2.1 | 1.4 | 0.33 | ...... | 10 | 10 |
| 5.0 | 2.2 | 0.6 | 0.83 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | ...... | 10 | 10 |
| 5.0 | 3.5 | 0.8 | 1.66 | 10 | 42.00 | 1.00 | 4.6 | 3.0 | 0.33 | ...... | .. | 10 |
| 5.0 | 4.3 | 1.0 | 1.39 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 4.3 | 1.0 | 1.38 | 10 | 53.00 | 1.00 | 6.2 | 4.1 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.5 | 0.6 | 0.83 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | ...... | 10 | 10 |
| 5.0 | 3.0 | 0.7 | 0.83 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | ...... | .. | 10 |
| 5.0 | 5.0 | 1.0 | 1.66 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 5.0 | 1.0 | 1.78 | 10 | 53.00 | 1.00 | 6.2 | 4.1 | 0.33 | ...... | .. | 10 |
| 5.0 | 3.5 | 1.0 | 0.83 | 10 | 20.00 | 1.00 | 1.6 | 1.0 | 0.33 | ...... | 10 | 10 |
| 5.0 | 5.0 | 1.0 | 1.67 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 4.5 | 1.0 | 1.11 | 10 | 42.00 | 1.00 | 4.6 | 3.0 | 0.33 | ...... | .. | 10 |
| 5.0 | 1.9 | 0.5 | 0.83 | 10 | 20.00 | 1.00 | 1.6 | 1.0 | 0.33 | ...... | 10 | 10 |
| 5.0 | 2.5 | 0.7 | 1.11 | 10 | 32.00 | 1.00 | 3.1 | 2.0 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.2 | 0.7 | 0.83 | 10 | 20.00 | 1.00 | 1.6 | 1.0 | 0.33 | ...... | 10 | 10 |
| 5.0 | 3.7 | 0.8 | 1.66 | 10 | 20.00 | 1.00 | 1.6 | 1.0 | 0.33 | ...... | 10 | 10 |
| 5.0 | 2.1 | 0.8 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | ...... | 25 | 10 |
| 5.0 | 6.0 | 1.0 | 2.78 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.6 | 0.6 | 0.83 | 10 | 21.00 | 1.00 | 1.8 | 1.1 | 0.33 | ...... | 10 | 10 |
| 5.0 | 3.0 | 0.6 | 0.83 | 10 | 25.00 | 1.00 | 2.0 | 1.3 | 0.33 | ...... | .. | 10 |
| 5.0 | 5.5 | 1.5 | 2.22 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.0 | 0.8 | 1.11 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | ...... | 10 | 10 |
| 5.0 | 5.5 | 1.0 | 1.67 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.7 | 0.6 | 1.11 | 10 | 32.00 | 1.00 | 3.1 | 2.0 | 0.33 | ...... | .. | 10 |
| 4.5 | 1.6 | 0.35 | 0.83 | 10 | 15.00 | 1.00 | 1.3 | 0.8 | 0.33 | ...... | 25 | 10 |
| 5.0 | 2.0 | 0.6 | 0.83 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | ...... | 10 | 10 |
| 5.0 | 3.0 | 1.0 | 1.11 | 10 | 38.00 | 1.00 | 4.0 | 2.6 | 0.33 | ...... | .. | 10 |
| 5.0 | 3.4 | 1.0 | 1.39 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | ...... | .. | 10 |
| 5.0 | 3.0 | 1.0 | 1.11 | 10 | 25.00 | 1.00 | 2.0 | 1.3 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.0 | 0.5 | 0.83 | 10 | 27.00 | 1.00 | 2.3 | 1.5 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.6 | 0.7 | 0.83 | 10 | 22.00 | 1.00 | 1.9 | 1.3 | 0.33 | ...... | 10 | 10 |
| 5.0 | 4.4 | 1.0 | 1.67 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 1.8 | 0.6 | 0.83 | 10 | 17.00 | 1.00 | 1.7 | 1.1 | 0.33 | ...... | 25 | 10 |
| *5.0 | 1.6 | 0.35 | 0.83 | 10 | 17.00 | 1.00 | 1.7 | 1.1 | 0.33 | ...... | 25 | 10 |
| 5.0 | 2.2 | 0.5 | 1.11 | 10 | 21.00 | 1.00 | 1.8 | 1.1 | 0.33 | ...... | 10 | 10 |
| 5.0 | 4.8 | 0.8 | 1.67 | 10 | 34.00 | 1.00 | 3.4 | 2.2 | 0.33 | ...... | .. | 10 |
| 5.0 | 4.0 | 0.7 | 1.11 | 10 | 32.00 | 1.00 | 3.1 | 2.0 | 0.33 | ...... | .. | 10 |
| 5.0 | 3.0 | 0.9 | 1.39 | 10 | 42.00 | 1.00 | 4.6 | 3.0 | 0.33 | ...... | .. | 10 |
| 5.0 | 3.6 | 0.8 | 1.11 | 10 | 26.00 | 1.00 | 2.2 | 1.4 | 0.33 | ...... | .. | 10 |

*Min. 500 watts.

## STATEMENT

### Cost of Power to Municipalities and Rates to Consumers for for the Year 1942, in Urban Municipalities

| Municipality<br>C—City<br>T—Town<br>(pop. 2,000 or more) | Annual cost to the Commission on the works to serve electrical energy to municipality on a horse-power basis | Domestic service | | | | | |
|---|---|---|---|---|---|---|---|
| | | Service charge per month | First rate | | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount |
| | | | Number of kw-hrs. per month | Per kw-hr. per month | | | |
| | $ c. | cents | | cents | cents | $ c. | % |
| Brockville T | 26.72 | .... | 60 | 1.8 | 0.8 | 0.83 | 10 |
| Brussels | 36.91 | .... | 50 | 3.8 | 1.1 | 1.39 | 10 |
| Burford | 27.89 | .... | 60 | 2.9 | 0.9 | 0.83 | 10 |
| Burgessville | 39.09 | .... | 60 | 5.0 | 1.5 | 1.39 | 10 |
| Burlington Beach or Hamilton Beach | ..... | .... | 60 | 3.5 | 1.1 | 0.83 | 10 |
| Caledonia | 26.36 | .... | 60 | 2.5 | 0.8 | 0.83 | 10 |
| Callander | ..... | 33 | 40 | 5.0 | 2.0 | 1.11 | 10 |
| Campbellville | 45.69 | .... | 45 | 5.0 | 1.5 | 1.67 | 10 |
| Cannington | 37.96 | .... | 55 | 3.6 | 1.5 | 1.11 | 10 |
| Capreol T | ..... | .... | 50 | 4.5 | 1.5 | 1.39 | 10 |
| Cardinal | 27.98 | .... | 55 | 2.5 | 1.1 | 1.11 | 10 |
| Carleton Place T | 27.18 | .... | 55 | 2.8 | 1.0 | 0.83 | 10 |
| Carlsruhe | ..... | 33–66 | 40 | 6.0 | 2.0 | 1.67 | 10 |
| Cayuga | 35.86 | .... | 60 | 3.8 | 1.1 | 1.39 | 10 |
| Chatham C | 25.41 | .... | 60 | 3.0 | 0.9 | 0.83 | 10 |
| Chatsworth | 39.40 | .... | 45 | 3.5 | 1.2 | 1.39 | 10 |
| Chesley T | 35.04 | .... | 55 | 2.9 | 1.1 | 1.11 | 10 |
| Chesterville | 33.58 | .... | 55 | 2.3 | 1.0 | 0.83 | 10 |
| Chippawa | 20.42 | .... | 60 | 2.8 | 0.9 | 1.11 | 10 |
| Clifford | 44.97 | .... | 55 | 3.5 | 1.2 | 1.39 | 10 |
| Clinton T | 30.68 | .... | 60 | 2.8 | 1.1 | 1.11 | 10 |
| Cobden | 46.21 | .... | 30 | 3.5 | 1.0 | 1.11 | 10 |
| Cobourg T | 29.08 | .... | 55 | 3.4 | 1.1 | 0.83 | 10 |
| Colborne | 32.44 | .... | 60 | 4.0 | 1.1 | 0.83 | 10 |
| Coldwater | 37.90 | 33–36 | 55 | 2.5 | 1.0 | 1.11 | 10 |
| Collingwood T | 32.16 | .... | 55 | 2.8 | 1.0 | 0.83 | 10 |
| Comber | 35.28 | .... | 60 | 3.6 | 0.9 | 1.11 | 10 |
| Cookstown | 40.02 | .... | 40 | 5.2 | 1.2 | 1.67 | 10 |
| Cottage Cove Townsite | ..... | .... | 60 | 6.0 | 2.0 | 3.33 | 10 |
| Cottam | 33.87 | .... | 60 | 3.6 | 1.0 | 1.39 | 10 |
| Courtright | 46.94 | .... | 55 | 4.0 | 1.2 | 1.39 | 10 |
| Creemore | 42.06 | .... | 45 | 3.8 | 1.0 | 1.39 | 10 |
| Dashwood | 36.04 | .... | 60 | 4.2 | 1.0 | 1.11 | 10 |
| Delaware | 28.28 | .... | 60 | 3.5 | 1.2 | 1.11 | 10 |
| Delhi | 29.30 | .... | 60 | 3.3 | 1.0 | 0.83 | 10 |
| Deseronto T | 40.26 | .... | 50 | 4.8 | 1.2 | 0.83 | 10 |
| Dorchester | 31.39 | .... | 60 | 3.0 | 1.1 | 0.83 | 10 |
| Drayton | 47.39 | .... | 55 | 4.0 | 1.3 | 1.11 | 10 |
| Dresden T | 33.36 | .... | 60 | 2.6 | 0.8 | 0.83 | 10 |
| Drumbo | 31.30 | .... | 60 | 3.8 | 1.1 | 1.11 | 10 |

### "E"—Continued

## Domestic Service—Commercial Light Service—Power Service Served by The Hydro-Electric Power Commission

| Commercial Light service | | | | | Power service | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Service charge per 100 watts min. 1,000 watts | First 100 hrs. per month per kw-hr. | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount | Basis of rate 130 hours' monthly use of demand | Service charge per h.p. per month | First 50 hrs. per month per kw-hr. | Second 50 hrs. per month per kw-hr. | All additional per kw-hr. | Minimum per h.p. per month | Local discount | Prompt payment discount |
| cents | cents | cents | $ c. | % | $ c. | $ c. | cents | cents | cents | $ c. | % | % |
| 4.5 | 1.6 | 0.4 | 0.83 | 10 | 16.00 | 1.00 | 1.5 | 0.9 | 0.33 | ...... | 25 | 10 |
| 5.0 | 3.3 | 1.0 | 1.39 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.0 | 0.6 | 0.83 | 10 | 21.00 | 1.00 | 1.8 | 1.1 | 0.33 | ...... | 10 | 10 |
| 5.0 | 4.5 | 1.0 | 1.39 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ...... | .. | 10 |
| 5.0 | 3.2 | 0.7 | 0.83 | 10 | 27.00 | 1.00 | 2.3 | 1.5 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.0 | 0.5 | 0.83 | 10 | 20.00 | 1.00 | 1.6 | 1.0 | 0.33 | ...... | 10 | 10 |
| 5.0 | 5.0 | 1.0 | 1.11 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 5.0 | 1.0 | 1.67 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.8 | 1.0 | 1.11 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | ...... | .. | 10 |
| 5.0 | 4.0 | 0.8 | 1.39 | 10 | 31.00 | 1.00 | 2.9 | 1.9 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.3 | 1.0 | 1.11 | 10 | 32.00 | 1.00 | 3.1 | 2.0 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.2 | 0.8 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | ...... | 25 | 10 |
| 5.0 | 6.0 | 1.0 | 1.67 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 3.5 | 1.0 | 1.39 | 10 | 32.00 | 1.00 | 3.1 | 2.0 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.3 | 0.6 | 0.83 | 10 | 21.00 | 1.00 | 1.8 | 1.1 | 0.33 | ...... | 10 | 10 |
| 5.0 | 3.0 | 1.0 | 1.39 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.4 | 0.8 | 1.11 | 10 | 22.00 | 1.00 | 1.9 | 1.3 | 0.33 | ...... | 10 | 10 |
| 5.0 | 2.3 | 1.0 | 0.83 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | ...... | 10 | 10 |
| 5.0 | 2.0 | 0.6 | 1.11 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | ...... | 10 | 10 |
| 5.0 | 3.5 | 1.0 | 1.39 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.4 | 0.7 | 1.11 | 10 | 26.00 | 1.00 | 2.2 | 1.4 | 0.33 | ...... | .. | 10 |
| 5.0 | 3.5 | 1.0 | 1.11 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.7 | 0.9 | 0.83 | 10 | 20.00 | 1.00 | 1.6 | 1.0 | 0.33 | ...... | 10 | 10 |
| 5.0 | 3.0 | 1.0 | 0.83 | 10 | 32.00 | 1.00 | 3.1 | 2.0 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.5 | 1.0 | 1.11 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.3 | 0.8 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | ...... | 25 | 10 |
| 5.0 | 2.9 | 0.9 | 1.11 | 10 | 27.00 | 1.00 | 2.3 | 1.5 | 0.33 | ...... | .. | 10 |
| 5.0 | 4.5 | 1.0 | 1.67 | 10 | 32.00 | 1.00 | 3.1 | 2.0 | 0.33 | ...... | .. | 10 |
| 5.0 | 5.0 | 2.0 | 4.44 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.8 | 0.9 | 1.39 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 4.0 | 1.0 | 1.39 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 3.0 | 0.9 | 1.39 | 10 | 26.00 | 1.00 | 2.2 | 1.4 | 0.33 | ...... | .. | 10 |
| 5.0 | 3.9 | 0.9 | 1.11 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ...... | .. | 10 |
| 5.0 | 3.0 | 1.0 | 1.11 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.6 | 0.9 | 0.83 | 10 | 32.00 | 1.00 | 3.1 | 2.0 | 0.33 | ...... | .. | 10 |
| 5.0 | 3.8 | 1.0 | 0.83 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.2 | 1.0 | 0.83 | 10 | 27.00 | 1.00 | 2.3 | 1.5 | 0.33 | ...... | .. | 10 |
| 5.0 | 3.4 | 0.7 | 1.11 | 10 | 32.00 | 1.00 | 3.1 | 2.0 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.0 | 0.6 | 0.83 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | ...... | 10 | 10 |
| 5.0 | 3.0 | 0.8 | 1.11 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | ...... | .. | 10 |

## STATEMENT

## Cost of Power to Municipalities and Rates to Consumers for for the Year 1942, in Urban Municipalities

| Municipality<br>C—City<br>T—Town<br>(pop. 2,000 or more) | Annual cost to the Commission on the works to serve electrical energy to municipality on a horse-power basis | Domestic service | | | | | |
|---|---|---|---|---|---|---|---|
| | | Service charge per month | First rate | | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount |
| | | | Number of kw-hrs. per month | Per kw-hr. per month | | | |
| | $ c. | cents | | cents | cents | $ c. | % |
| Dublin | 43.19 | .... | 60 | 3.5 | 1.2 | 1.11 | 10 |
| Dundalk | 35.60 | .... | 55 | 3.0 | 1.0 | 1.11 | 10 |
| Dundas T | 22.46 | .... | 60 | 2.5 | 0.9 | 0.83 | 10 |
| Dunnville T | 24.23 | .... | 60 | 2.4 | 0.8 | 0.83 | 10 |
| Durham T | 36.25 | .... | 55 | 2.5 | 1.0 | 0.83 | 10 |
| Dutton | 30.33 | .... | 60 | 2.1 | 0.8 | 0.83 | 10 |
| East York Twp. | 24.51 | .... | 60 | 2.5 | 1.1 | 0.83 | 10 |
| Elmira T | 27.93 | .... | 60 | 3.4 | 1.0 | 0.83 | 10 |
| Elmvale | 38.57 | .... | 55 | 3.4 | 1.2 | 0.83 | 10 |
| Elmwood | 45.34 | .... | 45 | 4.0 | 1.0 | 1.39 | 10 |
| Elora | 28.92 | .... | 60 | 3.1 | 1.2 | 1.11 | 10 |
| Embro | 32.64 | .... | 60 | 3.4 | 1.2 | 1.11 | 10 |
| Erieau | 40.38 | .... | 60 | 3.8 | 1.1 | 1.39 | 10 |
| Erie Beach | 51.98 | .... | 60 | 5.3 | 1.5 | 1.67 | 10 |
| Essex T | 28.75 | .... | 60 | 2.5 | 0.9 | 0.83 | 10 |
| Etobicoke Twp. | 24.33 | .... | 60 | 2.7 | 1.1 | 0.83 | 10 |
| Exeter | 30.08 | .... | 60 | 3.0 | 0.9 | 0.83 | 10 |
| Fergus | 27.48 | .... | 55 | 3.3 | 1.3 | 1.11 | 10 |
| Finch | 40.34 | .... | 45 | 3.0 | 1.2 | 1.39 | 10 |
| Flesherton | 42.57 | .... | 55 | 3.0 | 1.0 | 1.11 | 10 |
| Fonthill | 26.75 | .... | 60 | 3.0 | 1.1 | 1.11 | 10 |
| Forest T | 34.77 | .... | 60 | 3.5 | 0.9 | 1.11 | 10 |
| Forest Hill | 22.75 | 33–66 | 60 | 2.0 | 1.3 | 0.83 | 10 |
| Fort William C | 20.04 | .... | 60 | 2.1 | 0.9 | 0.83 | 10 |
| Frankford | ..... | .... | 60 | 4.5 | 1.2 | 0.83 | 10 |
| Galt C | 23.56 | .... | 60 | 2.8 | 0.8 | 0.83 | 10 |
| Gamebridge | ..... | .... | 45 | 5.5 | 1.2 | 1.67 | 10 |
| Georgetown T | 28.28 | .... | 60 | 3.0 | 0.9 | 0.83 | 10 |
| Geraldton Townsite | ..... | .... | 60 | 3.7 | 1.2 | 1.11 | 10 |
| Glencoe | 41.02 | .... | 60 | 4.0 | 0.9 | 1.11 | 10 |
| Glen Williams | ..... | 33–66 | 60 | 2.7 | 1.1 | 0.83 | 10 |
| Goderich T | 32.94 | .... | 55 | 3.3 | 1.0 | 0.83 | 10 |
| Grand Valley | 48.24 | .... | 45 | 5.0 | 1.2 | 1.39 | 10 |
| Granton | 36.15 | .... | 60 | 3.3 | 1.2 | 1.11 | 10 |
| Gravenhurst T | 26.21 | .... | 55 | 2.2 | 0.9 | 0.83 | 10 |
| Grimsby T | 26.23 | .... | 60 | 3.5 | 1.1 | 0.83 | 10 |
| Guelph C | 23.79 | .... | 60 | 2.0 | 0.8 | 0.83 | 10 |
| Hagersville | 27.70 | .... | 60 | 2.5 | 1.0 | 0.83 | 10 |
| Hamilton C | 21.94 | .... | 60 | 2.4 | 0.8 | 0.83 | 10 |
| Hanover T | 31.46 | .... | 60 | 2.8 | 1.3 | 0.83 | 10 |

### "E"—Continued

## Domestic Service—Commercial Light Service—Power Service Served by The Hydro-Electric Power Commission

| Commercial Light service | | | | | Power service | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Service charge per 100 watts min. 1,000 watts | First 100 hrs. per month per kw-hr. | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount | Basis of rate 130 hours' monthly use of demand | Service charge per h.p. per month | First 50 hrs. per month per kw-hr. | Second 50 hrs. per month per kw-hr. | All additional per kw-hr. | Minimum per h.p. per month | Local discount | Prompt payment discount |
| cents | cents | cents | $ c. | % | $ c. | $ c. | cents | cents | cents | $ c. | % | % |
| 5.0 | 3.5 | 1.0 | 1.11 | 10 | 36.00 | 1.00 | 3.7 | 2.4 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.5 | 0.8 | 1.11 | 10 | 23.00 | 1.00 | 2.1 | 1.4 | 0.33 | ...... | 10 | 10 |
| 5.0 | 1.9 | 0.5 | 0.83 | 10 | 16.00 | 1.00 | 1.5 | 0.9 | 0.33 | ...... | 25 | 10 |
| 5.0 | 2.0 | 0.6 | 0.83 | 10 | 17.00 | 1.00 | 1.7 | 1.1 | 0.33 | ...... | 25 | 10 |
| 5.0 | 2.1 | 0.8 | 0.83 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | ...... | 10 | 10 |
| 5.0 | 1.8 | 0.4 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | ...... | 25 | 10 |
| 5.0 | 2.0 | 0.6 | 0.83 | 10 | 20.00 | 1.00 | 1.6 | 1.0 | 0.33 | ...... | 10 | 10 |
| 5.0 | 2.8 | 0.7 | 0.83 | 10 | 22.00 | 1.00 | 1.9 | 1.3 | 0.33 | ...... | 10 | 10 |
| 5.0 | 2.4 | 1.0 | 0.83 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | ...... | .. | 10 |
| 5.0 | 3.2 | 0.8 | 1.39 | 10 | 33.00 | 1.00 | 3.2 | 2.1 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.8 | 0.7 | 1.11 | 10 | 21.00 | 1.00 | 1.8 | 1.1 | 0.33 | ...... | 10 | 10 |
| 5.0 | 2.8 | 0.8 | 1.11 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ...... | .. | 10 |
| 5.0 | 3.6 | 1.0 | 1.39 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | 2.22 | .. | 10 |
| 5.0 | 5.0 | 1.0 | 1.67 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.0 | 0.6 | 0.83 | 10 | 19.00 | 1.00 | 2.0 | 1.4 | 0.33 | ...... | 25 | 10 |
| 5.0 | 2.0 | 0.6 | 0.83 | 10 | 20.00 | 1.00 | 1.6 | 1.0 | 0.33 | ...... | 10 | 10 |
| 5.0 | 2.2 | 0.5 | 0.83 | 10 | 20.00 | 1.00 | 1.6 | 1.0 | 0.33 | ...... | 10 | 10 |
| 5.0 | 2.6 | 0.7 | 1.11 | 10 | 22.00 | 1.00 | 1.9 | 1.3 | 0.33 | ...... | 10 | 10 |
| 5.0 | 2.8 | 1.0 | 1.39 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ...... | 10 | 10 |
| 5.0 | 2.5 | 0.8 | 1.11 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.6 | 0.6 | 1.11 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 3.0 | 0.6 | 1.11 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.0 | 0.75 | 0.83 | 10 | 21.00 | 1.00 | 1.8 | 1.1 | 0.33 | ...... | 10 | 10 |
| 5.0 | 2.0 | 0.4 | 0.83 | 10 | 17.00 | 1.00 | 1.7 | 1.1 | *0.33<br>0.133 | ......<br>...... | 25 | 10 |
| 5.0 | 3.5 | 1.0 | 0.83 | 10 | 20.00 | 1.00 | 1.6 | 1.0 | 0.33 | ...... | 10 | 10 |
| 5.0 | 2.3 | 0.4 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | ...... | 25 | 10 |
| 5.0 | 4.8 | 0.8 | 1.67 | 10 | 34.00 | 1.00 | 3.4 | 2.2 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.0 | 0.5 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | ...... | 25 | 10 |
| 5.0 | 3.5 | 1.0 | 1.66 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.43 | ...... | .. | 10 |
| 5.0 | 3.1 | 1.0 | 1.11 | 10 | 34.00 | 1.00 | 3.4 | 2.2 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.8 | 0.75 | 0.83 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ...... | 25 | 10 |
| 5.0 | 2.7 | 0.6 | 0.83 | 10 | 25.00 | 1.00 | 2.0 | 1.3 | 0.33 | ...... | .. | 10 |
| 5.0 | 4.3 | 1.0 | 1.39 | 10 | 33.00 | 1.00 | 3.2 | 2.1 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.6 | 1.0 | 1.11 | 10 | 27.00 | 1.00 | 2.3 | 1.5 | 0.33 | ...... | .. | 10 |
| 5.0 | 1.8 | 0.5 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | ...... | 25 | 10 |
| 5.0 | 3.2 | 0.7 | 0.83 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | ...... | .. | 10 |
| 5.0 | 1.6 | 0.3 | 0.83 | 10 | 14.00 | 1.00 | 1.1 | 0.7 | 0.33 | ...... | 25 | 10 |
| 5.0 | 2.0 | 0.75 | 0.83 | 10 | 20.00 | 1.00 | 1.6 | 1.0 | 0.33 | ...... | 10 | 10 |
| †5.0 | 1.6 | 0.35 | 0.83 | 10 | 16.00 | 1.00 | 1.5 | 0.9 | 0.33 | ...... | 25 | 10 |
| 5.0 | 2.3 | 0.8 | 0.83 | 10 | 21.00 | 1.00 | 1.8 | 1.1 | 0.33 | ...... | 10 | 10 |

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*0.33 cents per kw-hr. for the next 360 hours use plus 0.133 cents per kw-hr. for all additional.

†Min. 500 watts.

## STATEMENT

### Cost of Power to Municipalities and Rates to Consumers for for the Year 1942, in Urban Municipalities

| Municipality<br>C—City<br>T—Town<br>(pop. 2,000 or more) | Annual cost to the Commission on the works to serve electrical energy to municipality on a horsepower basis | Domestic service | | | | | |
|---|---|---|---|---|---|---|---|
| | | Service charge per month | First rate | | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount |
| | | | Number of kw-hrs. per month | Per kw-hr. per month | | | |
| | $ c. | cents | | cents | cents | $ c. | % |
| Harriston . . . . . . . . . . . T | 34.71 | . . . . | 55 | 3.0 | 1.0 | 1.11 | 10 |
| Harrow . . . . . . . . . . . . . T | 30.85 | . . . . | 60 | 3.3 | 1.0 | 0.83 | 10 |
| Hastings . . . . . . . . . . . . . | 38.83 | . . . . | 45 | 4.2 | 1.2 | 1.11 | 10 |
| Havelock . . . . . . . . . . . . | 44.56 | . . . . | 50 | 3.5 | 1.2 | 0.83 | 10 |
| Hensall . . . . . . . . . . . . . . | 36.46 | . . . . | 60 | 3.5 | 1.1 | 1.11 | 10 |
| Hepworth . . . . . . . . . . . . | . . . . . | 33–66 | 40 | 6.0 | 2.0 | 1.67 | 10 |
| Hespeler . . . . . . . . . . . . T | 23.53 | . . . . | 60 | 3.0 | 0.9 | 0.83 | 10 |
| Highgate . . . . . . . . . . . . . | 34.66 | . . . . | 60 | 3.2 | 0.9 | 1.11 | 10 |
| Hislop Townsite . . . . . . | . . . . . | 33–66 | 50 | 6.0 | 1.5 | 1.94 | 10 |
| Holstein . . . . . . . . . . . . . | 78.13 | . . . . | 40 | 5.5 | 1.3 | 1.67 | 10 |
| Hudson Townsite . . . . . | . . . . . | . . . . | 60 | 6.0 | 2.0 | 2.00 | 10 |
| Humberstone . . . . . . . . . | 24.09 | . . . . | 60 | 2.6 | 0.8 | 0.83 | 10 |
| Huntsville . . . . . . . . . . T | 30.85 | . . . . | 60 | 2.0 | 0.9 | 0.83 | 10 |
| Ingersoll . . . . . . . . . . . . T | 24.93 | . . . . | 60 | 2.4 | 0.9 | 0.83 | 10 |
| Iroquois . . . . . . . . . . . . . | 26.73 | 33 | 60<br>60 | 3.0<br>2.0 | 1.0 | 0.83 | 10 |
| Jarvis . . . . . . . . . . . . . . . | 33.08 | . . . . | 60 | 3.4 | 1.0 | 1.11 | 10 |
| Kearns Townsite . . . . . . | . . . . . | 33–66 | 50 | 6.0 | 2.0 | 1.94 | 10 |
| Kemptville . . . . . . . . . . . | 33.23 | . . . . | 55 | 3.5 | 1.2 | 0.83 | 10 |
| Kincardine . . . . . . . . . . T | 39.32 | . . . . | 40 | 4.5 | 1.3 | 1.11 | 10 |
| King Kirkland Townsite . . . . . . . . . . | . . . . . | 33–66 | 50 | 6.0 | 1.5 | 3.06 | 10 |
| Kingston . . . . . . . . . . . . C | 25.90 | . . . . | 50 | 2.2 | 0.8 | 0.83 | 10 |
| Kingsville . . . . . . . . . . . T | 30.40 | . . . . | 60 | 2.8 | 0.9 | 0.83 | 10 |
| Kirkfield . . . . . . . . . . . . . | 52.71 | 33–66 | 40 | 5.5 | 1.5 | 2.22 | 10 |
| Kitchener . . . . . . . . . . . C | 23.25 | . . . . | 60 | 2.3 | 1.0 | 0.83 | 10 |
| Lakefield . . . . . . . . . . . . . | 27.83 | . . . . | 50 | 3.6 | 1.2 | 0.83 | 10 |
| Lambeth . . . . . . . . . . . . . | 30.44 | . . . . | 60 | 3.0 | 1.0 | 1.11 | 10 |
| Lanark . . . . . . . . . . . . . . | 40.12 | . . . . | 50 | 4.2 | 1.3 | 0.83 | 10 |
| Lancaster . . . . . . . . . . . . | 49.21 | . . . . | 60 | 4.0 | 1.2 | 1.11 | 10 |
| La Salle . . . . . . . . . . . . . T | 29.91 | . . . . | 60 | 3.8 | 1.2 | 1.11 | 10 |
| Leamington . . . . . . . . . T | 29.94 | . . . . | 60 | 2.3 | 0.8 | 0.83 | 10 |
| Leaside . . . . . . . . . . . . . T | . . . . . | *a*3 | . . . . | *b*1.8 | 1.0 | 0.83 | 10 |
| Lindsay . . . . . . . . . . . . T | 30.17 | . . . . | 60 | 2.5 | 0.9 | 0.83 | 10 |
| Listowel . . . . . . . . . . . . T | 29.81 | . . . . | 55 | 2.7 | 1.0 | 0.83 | 10 |
| London . . . . . . . . . . . . . C | 23.41 | . . . . | 60 | 2.4 | 0.9 | 0.83 | 10 |
| London Twp. . . . . . . . . . | 26.55 | . . . . | 60 | 2.9 | 1.0 | 1.11 | 10 |
| Long Branch . . . . . . . . . | 24.40 | . . . . | 60 | 2.5 | 1.1 | 0.83 | 10 |
| Lucan . . . . . . . . . . . . . . . | 29.49 | . . . . | 60 | 3.4 | 1.1 | 1.11 | 10 |
| Lucknow . . . . . . . . . . . . | 45.20 | . . . . | 45 | 4.3 | 1.3 | 1.67 | 10 |
| Lynden . . . . . . . . . . . . . . | 28.53 | . . . . | 60 | 3.4 | 1.1 | 1.39 | 10 |
| MacTier . . . . . . . . . . . . . | . . . . . | 33–66 | 40 | 5.0 | 2.0 | 1.66 | 10 |

*a*Service charge per 100 sq. ft. floor area.
*b*First 3 kw-hrs. per 100 sq. ft.

"E"—Continued

## Domestic Service—Commercial Light Service—Power Service Served by The Hydro-Electric Power Commission

| Commercial Light service | | | | | Power service | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Service charge per 100 watts min. 1,000 watts | First 100 hrs. per month per kw-hr. | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount | Basis of rate 130 hours' monthly use of demand | Service charge per h.p. per month | First 50 hrs. per month per kw-hr. | Second 50 hrs. per month per kw-hr. | All additional per kw-hr. | Minimum per h.p. per month | Local discount | Prompt payment discount |
| cents | cents | cents | $ c. | % | $ c. | $ c. | cents | cents | cents | $ c. | % | % |
| 5.0 | 2.6 | 0.7 | 1.11 | 10 | 25.00 | 1.00 | 2.0 | 1.3 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.6 | 0.7 | 0.83 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | ...... | 10 | 10 |
| 5.0 | 3.8 | 1.0 | 1.11 | 10 | 37.00 | 1.00 | 3.8 | 2.5 | 0.33 | ...... | .. | 10 |
| 5.0 | 3.2 | 1.0 | 0.83 | 10 | 32.00 | 1.00 | 3.1 | 2.0 | 0.33 | ...... | .. | 10 |
| 5.9 | 3.1 | 1.0 | 1.11 | 10 | 26.00 | 1.00 | 2.2 | 1.4 | 0.33 | ...... | .. | 10 |
| 5.0 | 6.0 | 1.0 | 1.67 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.2 | 0.6 | 0.83 | 10 | 19.00 | 1.00 | 2.0 | 1.4 | 0.33 | ...... | 25 | 10 |
| 5.0 | 2.8 | 0.7 | 1.11 | 10 | 29.00 | 1.00 | 2.6 | 1.7 | 0.33 | ...... | .. | 10 |
| 5.0 | 6.0 | 1.5 | 3.06 | 10 | ....... | ...... | ...... | ...... | ...... | ...... | .. | .. |
| 5.0 | 5.0 | 0.8 | 1.67 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 6.0 | 2.0 | *1.00 | 10 | 45.00 | 1.00 | 5.1 | 3.4 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.0 | 0.5 | 0.83 | 10 | 20.00 | 1.00 | 1.6 | 1.0 | 0.33 | ...... | 10 | 10 |
| 5.0 | 1.8 | 0.7 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | ...... | 25 | 10 |
| 5.0 | 1.9 | 0.5 | 0.83 | 10 | 17.00 | 1.00 | 1.7 | 1.1 | 0.33 | ...... | 25 | 10 |
| †33 | ‡5.0<br>3.0 | 1.0 | 0.83 | 10 | 25.00 | 1.00 | 2.0 | 1.3 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.6 | 0.7 | 1.11 | 10 | 26.00 | 1.00 | 2.2 | 1.4 | 0.33 | ...... | .. | 10 |
| 5.0 | 6.0 | 2.0 | 3.06 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.8 | 1.0 | 0.83 | 10 | 27.00 | 1.00 | 2.3 | 1.5 | 0.33 | ...... | .. | 10 |
| 5.0 | 3.5 | 0.9 | 1.11 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | ...... | .. | 10 |
| 5.0 | 6.0 | 1.5 | 3.89 | 10 | ....... | ...... | ...... | ...... | ...... | ...... | .. | .. |
| 5.0 | 1.6 | 0.5 | 0.83 | 10 | 16.00 | 1.00 | 1.5 | 0.9 | 0.33 | ...... | 25 | 10 |
| 5.0 | 1.9 | 0.6 | 0.83 | 10 | 23.00 | 1.00 | 2.1 | 1.4 | 0.33 | ...... | 10 | 10 |
| 5.0 | 5.5 | 1.0 | 2.22 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.0 | 0.6 | 0.83 | 10 | 19.00 | 1.00 | 2.0 | 1.4 | 0.33 | ...... | 25 | 10 |
| 5.0 | 2.8 | 1.0 | 0.83 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | ...... | 10 | 10 |
| 5.0 | 2.6 | 0.8 | 1.11 | 10 | 25.00 | 1.00 | 2.0 | 1.3 | 0.33 | ...... | .. | 10 |
| 5.0 | 3.7 | 1.0 | 0.83 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | ...... | .. | 10 |
| 5.0 | 4.2 | 1.0 | 1.11 | 10 | 56.00 | 1.00 | 6.6 | 4.4 | 0.33 | ...... | .. | 10 |
| 5.0 | 3.3 | 1.0 | 1.11 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 1.8 | 0.5 | 0.83 | 10 | 19.00 | 1.00 | 2.0 | 1.4 | 0.33 | ...... | 25 | 10 |
| ...... | *c*3.0<br>*d*2/3 | 1/3 | 0.83 | 10 | ....... | *e*1.10<br>0.90 | 2.0 | 1.0 | *f*1/3<br>1/6 | ...... | .. | 10 |
| 5.0 | 2.2 | 0.7 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | ...... | 25 | 10 |
| 5.0 | 2.3 | 0.5 | 0.83 | 10 | 19.00 | 1.00 | 2.9 | 1.4 | 0.33 | ...... | 25 | 10 |
| 5.0 | 1.8 | 0.4 | 0.83 | 10 | 16.00 | 1.00 | 1.5 | 0.9 | 0.33 | ...... | 25 | 10 |
| 5.0 | 2.5 | 0.6 | 1.11 | 10 | 21.00 | 1.00 | 1.8 | 1.1 | 0.33 | ...... | 10 | 10 |
| 5.0 | 2.0 | 0.6 | 0.83 | 10 | 20.00 | 1.00 | 1.6 | 1.0 | 0.33 | ...... | 10 | 10 |
| 5.0 | 3.0 | 0.6 | 1.11 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | ...... | 10 | 10 |
| 5.0 | 3.8 | 1.0 | 1.67 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ...... | .. | 10 |
| 5.0 | 3.0 | 1.0 | 0.83 | 10 | 25.00 | 1.00 | 2.0 | 1.3 | 0.33 | ...... | .. | 10 |
| 5.0 | 5.0 | 1.0 | 1.66 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ...... | .. | 10 |

*Per 100 watts., Min. $2.00, Max. $5.00. †Per service per month.

‡5c per kw-hr. for 1st 60 kw-hrs. plus 3c per kw-hr. for 2nd 60 kw-hrs.

*c*1st 80 hrs. use. *e*First 7.5 kilowatts $1.10 per kw. All additional 90c per kw.

*d*2nd 80 hrs. use. *f*1/3c. per kw-hr., next 300 hrs. All additional 1/6c. per kw-hr.

## STATEMENT

### Cost of Power to Municipalities and Rates to Consumers for for the Year 1942, in Urban Municipalities

| Municipality<br>C—City<br>T—Town<br>(pop. 2,000 or more) | Annual cost to the Commission on the works to serve electrical energy to municipality on a horse-power basis | Domestic service | | | | | |
|---|---|---|---|---|---|---|---|
| | | Service charge per month | First rate | | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount |
| | | | Number of kw-hrs. per month | Per kw-hr. per month | | | |
| | $ c. | cents | | cents | cents | $ c. | % |
| Madoc............... | 43.66 | .... | 50 | 3.2 | 1.2 | 0.83 | 10 |
| Markdale............ | 34.97 | .... | 55 | 3.1 | 1.1 | 1.11 | 10 |
| Markham............ | 28.40 | .... | 60 | 3.0 | 1.0 | 0.83 | 10 |
| Marmora............ | 35.72 | .... | 60 | 4.0 | 1.0 | 1.11 | 10 |
| Martintown.......... | 35.44 | .... | 50 | 3.0 | 1.0 | 1.11 | 10 |
| Matachewan Townsite. | ..... | .... | 50 | 4.5 | 1.0 | 1.11 | 10 |
| Maxville............. | 41.71 | .... | 55 | 4.5 | 1.2 | 1.11 | 10 |
| Meaford............T | 35.36 | .... | 60 | 3.0 | 1.1 | 0.83 | 10 |
| Merlin............... | 33.18 | .... | 60 | 3.8 | 1.0 | 1.11 | 10 |
| Merritton...........T | 20.27 | .... | 60 | 2.4 | 0.9 | 0.83 | 10 |
| Midland............T | 30.56 | .... | 60 | 2.5 | 1.0 | 0.83 | 10 |
| Mildmay............ | 39.51 | .... | 40 | 3.6 | 1.0 | 1.39 | 10 |
| Millbrook............ | 35.67 | 33 | 60 | 5.5 | 1.5 | 0.83 | 10 |
| Milton.............T | 26.66 | .... | 60 | 3.3 | 1.1 | 0.83 | 10 |
| Milverton............ | 30.69 | .... | 60 | 2.7 | 1.0 | 0.90 | 10 |
| Mimico.............T | 23.28 | .... | 60 | 2.7 | 1.1 | 0.83 | 10 |
| Mitchell............T | 27.76 | .... | 60 | 2.9 | 1.1 | 0.83 | 10 |
| Moorefield........... | 49.67 | .... | 50 | 4.2 | 1.2 | 1.39 | 10 |
| Mooretown Townsite.. | ..... | 33–66 | 50 | 6.0 | 2.0 | 3.00 | 10 |
| Morrisburg........... | 30.66 | .... | 60 | 3.0 | 1.0 | 0.83 | 10 |
| Mount Brydges....... | 30.62 | .... | 60 | 2.8 | 0.9 | 1.11 | 10 |
| Mount Forest.......T | 40.86 | .... | 60 | 3.0 | 1.25 | 0.83 | 10 |
| Napanee............T | 28.92 | .... | 50 | 3.5 | 1.2 | 0.83 | 10 |
| Neustadt............ | 40.74 | .... | 60 | 6.0 | 1.5 | 1.67 | 10 |
| Newburgh............ | ..... | 33 | 60 | 5.0 | 2.0 | 1.66 | 10 |
| Newbury............ | 38.48 | .... | 55 | 5.0 | 1.2 | 1.38 | 10 |
| Newcastle............ | 32.05 | .... | 60 | 4.8 | 1.2 | 1.11 | 10 |
| New Hamburg....... | 27.11 | .... | 60 | 3.3 | 1.1 | 0.83 | 10 |
| New Toronto........T | 25.25 | .... | 60 | 2.4 | 1.0 | 0.83 | 10 |
| Niagara Falls........C | 17.71 | .... | 60 | 2.2 | 0.8 | 0.83 | 10 |
| Niagara-on-the-Lake..T | 21.01 | .... | 60 | 2.6 | 1.0 | 0.83 | 10 |
| Nipigon Twp......... | 23.31 | .... | 60 | 3.0 | 1.0 | 1.11 | 10 |
| Nipissing............ | ..... | 33 | 50 | 6.0 | 2.0 | 1.67 | 10 |
| North Bay..........C | ..... | .... | 60 | 3.3 | 1.3 | 0.83 | 10 |
| North York Twp...... | 24.96 | .... | 55 | 3.8 | 1.3 | 1.11 | 10 |
| Norwich............ | 28.26 | .... | 60 | 2.8 | 0.9 | 0.83 | 10 |
| Norwood............ | 33.85 | .... | 50 | 4.0 | 1.2 | 1.11 | 10 |
| Oil Springs........... | 34.99 | .... | 60 | 2.6 | 0.9 | 1.11 | 10 |
| Omemee............ | 32.70 | .... | 60 | 3.5 | 1.3 | 0.83 | 10 |
| Orangeville..........T | 40.85 | .... | 55 | 3.0 | 1.0 | 1.11 | 10 |
| Orono............... | 36.45 | .... | 60 | 5.5 | 1.5 | 1.11 | 10 |
| Oshawa............C | 29.20 | .... | 50 | 3.8 | 1.1 | 0.83 | 10 |
| Ottawa............C | 15.86 | 33–66 | 60<br>60 | 2.0<br>1.0 | 0.5 | 0.83 | 10 |
| Otterville............ | 33.90 | .... | 60 | 2.8 | 0.9 | 1.11 | 10 |
| Owen Sound........C | 31.57 | .... | 60 | 2.1 | 0.8 | 0.83 | 10 |

## "E"—Continued

## Domestic Service—Commercial Light Service—Power Service Served by The Hydro-Electric Power Commission

| Commercial Light service | | | | | Power service | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Service charge per 100 watts min. 1,000 watts | First 100 hrs per month per kw-hr. | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount | Basis of rate 130 hours' monthly use of demand | Service charge per h.p. per month | First 50 hrs. per month per kw-hr. | Second 50 hrs. per month per kw-hr. | All additional per kw-hr. | Minimum per h.p. per month | Local discount | Prompt payment discount |
| cents | cents | cents | $ c. | % | $ c. | $ c. | cents | cents | cents | $ c. | % | % |
| 5.0 | 3.0 | 0.9 | 0.83 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.3 | 1.0 | 1.11 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.6 | 0.7 | 0.83 | 10 | 23.00 | 1.00 | 2.1 | 1.4 | 0.33 | ...... | 10 | 10 |
| 5.0 | 3.6 | 1.0 | 1.11 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 3.0 | 1.0 | 1.66 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | ...... | .. | 10 |
| 5.0 | 4.5 | 1.0 | 1.66 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ...... | .. | 10 |
| 5.0 | 4.5 | 1.0 | 1.11 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.4 | 0.8 | 0.83 | 10 | 26.00 | 1.00 | 2.2 | 1.4 | 0.33 | ...... | .. | 10 |
| 5.0 | 3.2 | 0.9 | 1.11 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | 2.22 | .. | 10 |
| 5.0 | 1.7 | 0.5 | 0.83 | 10 | 16.00 | 1.00 | 1.5 | 0.9 | 0.33 | ...... | 25 | 10 |
| 5.0 | 2.0 | 0.9 | 0.83 | 10 | 17.00 | 1.00 | 1.7 | 1.1 | 0.33 | ...... | 25 | 10 |
| 5.0 | 2.8 | 0.8 | 1.39 | 10 | 34.00 | 1.00 | 3.4 | 2.2 | 0.33 | ...... | .. | 10 |
| 5.0 | 5.5 | 1.5 | 0.83 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.6 | 0.6 | 0.83 | 10 | 23.00 | 1.00 | 2.1 | 1.4 | 0.33 | ...... | 10 | 10 |
| 5.0 | 2.5 | 0.7 | 0.90 | 10 | 20.00 | 1.00 | 1.6 | 1.0 | 0.33 | ...... | 10 | 10 |
| 5.0 | 2.0 | 0.6 | 0.83 | 10 | 22.00 | 1.00 | 1.9 | 1.3 | 0.33 | ...... | 10 | 10 |
| 5.0 | 2.4 | 0.7 | 0.83 | 10 | 21.00 | 1.00 | 1.8 | 1.1 | 0.33 | ...... | 10 | 10 |
| 5.0 | 3.8 | 1.0 | 1.39 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 6.0 | 2.0 | 5.00 | 10 | ....... | ...... | ...... | ...... | ...... | ...... | .. | .. |
| 5.0 | 3.0 | 1.0 | 0.83 | 10 | 25.00 | 1.00 | 2.0 | 1.3 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.2 | 0.6 | 1.11 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | ...... | 10 | 10 |
| 5.0 | 2.4 | 0.9 | 0.83 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.8 | 0.75 | 0.83 | 10 | 19.00 | 1.00 | 2.0 | 1.4 | 0.33 | ...... | 25 | 10 |
| 5.0 | 5.0 | 1.0 | 1.67 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ...... | .. | 10 |
| 5.0 | 5.0 | 2.0 | 1.66 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | ...... | .. | 10 |
| 5.0 | 4.5 | 1.0 | 1.38 | 10 | 47.00 | 1.00 | 5.2 | 3.5 | 0.33 | ...... | .. | 10 |
| 5.0 | 4.3 | 1.2 | 1.11 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.4 | 0.7 | 0.83 | 10 | 22.00 | 1.00 | 1.9 | 1.3 | 0.33 | ...... | 10 | 10 |
| 5.0 | 1.8 | 0.5 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | ...... | 25 | 10 |
| 5.0 | 1.6 | 0.35 | 0.83 | 10 | 15.00 | 1.00 | 1.3 | 0.8 | 0.33 | ...... | 25 | 10 |
| 5.0 | 2.2 | 0.5 | 0.83 | 10 | 20.00 | 1.00 | 1.6 | 1.0 | 0.33 | ...... | 10 | 10 |
| 5.0 | 2.4 | 0.8 | 1.11 | 10 | 22.00 | 1.00 | 1.9 | 1.3 | 0.33 | ...... | 10 | 10 |
| 5.0 | 6.0 | 1.0 | 1.67 | 10 | ....... | ...... | ...... | ...... | ...... | ...... | .. | .. |
| 5.0 | 3.1 | 0.8 | 0.83 | 10 | 25.00 | 1.00 | 2.0 | 1.3 | 0.33 | ...... | .. | 10 |
| 5.0 | 3.3 | 0.7 | 1.11 | 10 | 26.00 | 1.00 | 2.2 | 1.4 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.2 | 0.6 | 0.83 | 10 | 19.00 | 1.00 | 2.0 | 1.4 | 0.33 | ...... | 25 | 10 |
| 5.0 | 3.6 | 1.0 | 1.11 | 10 | 38.00 | 1.00 | 4.0 | 2.6 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.4 | 0.6 | 1.11 | 10 | 27.00 | 1.00 | 2.3 | 1.5 | 0.33 | ...... | .. | 10 |
| 5.0 | 3.5 | 1.0 | 0.83 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.0 | 0.8 | 1.11 | 10 | 20.00 | 1.00 | 1.6 | 1.0 | 0.33 | ...... | 10 | 10 |
| 5.0 | 5.5 | 1.5 | 1.11 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.8 | 0.8 | 0.83 | 10 | 21.00 | 1.00 | 1.8 | 1.1 | 0.33 | ...... | 10 | 10 |
| 5.0 | 2.1 | 0.5 | 0.83 | 10 | 18.00 | 1.00 | 1.8 | 1.2 | 0.15 | ...... | 15 & 10 | 10 |
| 5.0 | 2.5 | 0.6 | 1.11 | 10 | 26.00 | 1.00 | 2.2 | 1.4 | 0.33 | ...... | .. | 10 |
| 5.0 | 1.8 | 0.7 | 0.83 | 10 | 17.00 | 1.00 | 1.7 | 1.1 | 0.33 | ...... | 25 | 10 |

## STATEMENT

### Cost of Power to Municipalities and Rates to Consumers for for the Year 1942, in Urban Municipalities

| Municipality<br>C—City<br>T—Town<br>(pop. 2,000 or more) | Annual cost to the Commission on the works to serve electrical energy to municipality on a horse-power basis | Domestic service | | | | | |
|---|---|---|---|---|---|---|---|
| | | Service charge per month | First rate | | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount |
| | | | Number of kw-hrs. per month | Per kw-hr. per month | | | |
| | $ c. | cents | | cents | cents | $ c. | % |
| Paisley | 45.07 | .... | 45 | 5.0 | 1.0 | 1.39 | 10 |
| Palmerston T | 33.11 | .... | 60 | 2.7 | 1.1 | 1.11 | 10 |
| Paris T | 23.87 | .... | 60 | 2.3 | 0.9 | 0.83 | 10 |
| Parkhill T | 41.40 | .... | 60 | 3.8 | 1.0 | 1.11 | 10 |
| Penetanguishene T | 32.54 | .... | 55 | 3.2 | 1.1 | 0.83 | 10 |
| Perth T | 26.81 | .... | 55 | 2.8 | 1.0 | 0.83 | 10 |
| Peterborough C | 25.58 | .... | 55 | 2.7 | 1.2 | 0.83 | 10 |
| Petrolia T | 31.50 | .... | 60 | 2.7 | 0.8 | 0.83 | 10 |
| Picton T | 36.33 | .... | 60 | 2.8 | 1.0 | 0.83 | 10 |
| Plattsville | 35.06 | .... | 60 | 3.8 | 1.1 | 1.11 | 10 |
| Point Edward | 30.00 | .... | 60 | 3.2 | 1.0 | 0.83 | 10 |
| Port Arthur C | 19.96 | .... | 50 | 2.0 | 0.8 | 0.83 | 10 & 10 |
| Port Carling | ..... | 33–66 | 45 | 4.7 | 1.5 | 1.66 | 10 |
| Port Colborne T | 23.76 | .... | 60 | 3.0 | 1.0 | 0.83 | 10 |
| Port Credit | 25.20 | .... | 60 | 2.5 | 1.0 | 0.83 | 10 |
| Port Dalhousie | 23.66 | .... | 60 | 2.6 | 1.0 | 0.83 | 10 |
| Port Dover | 30.61 | .... | 60 | 2.5 | 0.9 | 0.83 | 10 |
| Port Elgin | 37.76 | 33–66 | 40 | 2.5 | 1.2 | 1.11 | 10 |
| Port Hope T | 29.94 | .... | 60 | 2.4 | 0.9 | 0.83 | 10 |
| Port McNicoll | 35.74 | .... | 50 | 4.0 | 1.5 | 0.83 | 10 |
| Port Perry | 43.64 | .... | 50 | 4.0 | 1.2 | 1.11 | 10 |
| Port Rowan | 34.46 | .... | 60 | 3.2 | 1.1 | 1.39 | 10 |
| Port Stanley | 30.45 | .... | 60 | 3.1 | 1.0 | 0.83 | 10 |
| Powassan T | ..... | 33 | 40 | 5.0 | 2.0 | 1.11 | 10 |
| Prescott T | 27.03 | .... | 60 | 2.5 | 1.1 | 0.83 | 10 |
| Preston T | 23.30 | .... | 60 | 2.6 | 0.8 | 0.83 | 10 |
| Priceville | 43.81 | 33–66 | 60 | 6.0 | 1.5 | 1.67 | 10 |
| Princeton | 36.42 | .... | 60 | 3.3 | 1.2 | 1.67 | 10 |
| Queenston | 22.64 | .... | 60 | 3.0 | 1.3 | 1.11 | 10 |
| Ramore-Matheson | ..... | .... | 50 | 6.0 | 1.5 | 2.22 | 10 |
| Red Lake Townsite | ..... | .... | 55 | 4.8 | 1.2 | 1.00 | 10 |
| Richmond | 43.01 | .... | 35 | 5.0 | 1.5 | 1.67 | 10 |
| Richmond Hill | 26.37 | 33–66 | 60 | 2.0 | 0.8 | 0.83 | 10 |
| Ridgetown T | 29.59 | .... | 60 | 2.3 | 0.8 | 0.83 | 10 |
| Ripley | 54.68 | .... | 55 | 6.0 | 1.5 | 1.67 | 10 |
| Riverside T | 28.69 | .... | 60 | 3.7 | 1.1 | 0.83 | 10 |
| Rockwood | 30.12 | .... | 60 | 3.3 | 1.1 | 1.11 | 10 |
| Rodney | 38.90 | .... | 60 | 2.6 | 0.8 | 0.83 | 10 |
| Rosseau | 90.11 | † 33 | .... | 6.0 | 2.0 | †2.22 | 10 |
| Russell | 47.20 | .... | 55 | 4.8 | 1.2 | 1.39 | 10 |

### "E"—Continued

## Domestic Service—Commercial Light Service—Power Service Served by The Hydro-Electric Power Commission

| Commercial Light service | | | | | Power service | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Service charge per 100 watts min. 1,000 watts | First 100 hrs. per month per kw-hr. | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount | Basis of rate 130 hours' monthly use of demand | Service charge per h.p. per month | First 50 hrs. per month per kw-hr. | Second 50 hrs. per month per kw-hr. | All additional per kw-hr. | Minimum per h.p. per month | Local discount | Prompt payment discount |
| cents | cents | cents | $ c. | % | $ c. | $ c. | cents | cents | cents | $ c. | % | % |
| 5.0 | 4.4 | 1.0 | 1.39 | 10 | 42.00 | 1.00 | 4.6 | 3.0 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.2 | 0.9 | 1.11 | 10 | 22.00 | 1.00 | 1.9 | 1.3 | 0.33 | ...... | 10 | 10 |
| 5.0 | 1.8 | 0.4 | 0.83 | 10 | 16.00 | 1.00 | 1.5 | 0.9 | 0.33 | ...... | 25 | 10 |
| 5.0 | 3.6 | 0.9 | 1.11 | 10 | 32.00 | 1.00 | 3.1 | 2.0 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.8 | 0.8 | 0.83 | 10 | 22.00 | 1.00 | 1.9 | 1.3 | 0.33 | ...... | 10 | 10 |
| 5.0 | 2.0 | 0.6 | 0.83 | 10 | 17.00 | 1.00 | 1.7 | 1.1 | 0.33 | ...... | 25 | 10 |
| 5.0 | 2.3 | 0.9 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | ...... | 25 | 10 |
| 5.0 | 2.1 | 0.5 | 0.83 | 10 | 23.00 | 1.00 | 2.1 | 1.4 | 0.33 | ...... | 10 | 10 |
| 5.0 | 2.0 | 0.8 | 0.83 | 10 | 19.00 | 1.00 | 2.0 | 1.4 | 0.33 | ...... | 25 | 10 |
| 5.0 | 3.2 | 1.0 | 1.11 | 10 | 32.00 | 1.00 | 3.1 | 2.0 | 0.33 | 2.00 | .. | 10 |
| 5.0 | 2.4 | 0.6 | 0.83 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | ...... | 10 | 10 |
| 5.0 | 1.8 | 0.3 | 0.83 | 10 & 10 | 17.00 | 1.00 | 1.7 | 1.1 | *0.33<br>0.133 | ......<br>...... | 25 | 10 |
| 5.0 | 4.5 | 0.8 | 1.66 | 10 | 32.00 | 1.00 | 3.1 | 2.0 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.5 | 0.6 | 0.83 | 10 | 22.00 | 1.00 | 1.9 | 1.3 | 0.33 | ...... | 10 | 10 |
| 5.0 | 2.0 | 0.7 | 0.83 | 10 | 22.00 | 1.00 | 1.9 | 1.3 | 0.33 | ...... | 10 | 10 |
| 5.0 | 2.0 | 0.6 | 0.83 | 10 | 17.00 | 1.00 | 1.7 | 1.1 | 0.33 | ...... | 25 | 10 |
| 5.0 | 2.1 | 0.8 | 0.83 | 10 | 22.00 | 1.00 | 1.9 | 1.3 | 0.33 | ...... | 10 | 10 |
| 5.0 | 2.5 | 0.8 | 1.11 | 10 | 26.00 | 1.00 | 2.2 | 1.4 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.2 | 0.6 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | ...... | 25 | 10 |
| 5.0 | 3.5 | 1.0 | 0.83 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ...... | .. | 10 |
| 5.0 | 3.2 | 1.0 | 1.11 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | ...... | .. | 10 |
| 5.0 | 3.0 | 0.9 | 1.39 | 10 | 32.00 | 1.00 | 3.1 | 2.0 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.4 | 0.6 | 0.83 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | ...... | .. | 10 |
| 5.0 | 5.0 | 1.0 | 1.11 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.2 | 1.0 | 0.83 | 10 | 19.00 | 1.00 | 2.0 | 1.4 | 0.33 | ...... | 25 | 10 |
| 5.0 | 2.1 | 0.5 | 0.83 | 10 | 17.00 | 1.00 | 1.7 | 1.1 | 0.33 | ...... | 25 | 10 |
| 5.0 | 6.0 | 1.0 | 1.67 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 3.0 | 1.0 | 1.67 | 10 | 26.00 | 1.00 | 2.2 | 1.4 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.8 | 1.0 | 1.11 | 10 | 25.00 | 1.00 | 2.0 | 1.3 | 0.33 | ...... | .. | 10 |
| 5.0 | 6.0 | 1.5 | 2.78 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 3.8 | 1.2 | 1.50 | 10 | 33.00 | 1.00 | 3.2 | 2.1 | 0.33 | ...... | .. | 10 |
| 5.0 | 5.0 | 1.0 | 1.67 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.0 | 0.5 | 0.83 | 10 | 22.00 | 1.00 | 1.9 | 1.3 | 0.33 | ...... | 10 | 10 |
| 5.0 | 1.8 | 0.5 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | ...... | 25 | 10 |
| 5.0 | 5.0 | 1.0 | 1.67 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.6 | 0.7 | 0.83 | 10 | 25.00 | 1.00 | 2.0 | 1.3 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.5 | 0.7 | 1.11 | 10 | 32.00 | 1.00 | 3.1 | 2.0 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.3 | 0.5 | 0.83 | 10 | 25.00 | 1.00 | 2.0 | 1.3 | 0.33 | ...... | .. | 10 |
| 5.0 | 6.0 | 2.0 | †2.22 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 4.5 | 1.0 | 1.39 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | ...... | .. | 10 |

*0.33c. per kw-hr. for next 360 hours' use plus 0.133c. per kw-hr. for all additional.
†According to consumers' demand.

## STATEMENT

### Cost of Power to Municipalities and Rates to Consumers for for the Year 1942, in Urban Municipalities

| Municipality<br>C—City<br>T—Town<br>(pop. 2,000 or more) | Annual cost to the Commission on the works to serve electrical energy to municipality on a horse-power basis | Domestic service | | | | | |
|---|---|---|---|---|---|---|---|
| | | Service charge per month | First rate | | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount |
| | | | Number of kw-hrs. per month | Per kw-hr. per month | | | |
| | $ c. | cents | | cents | cents | $ c. | % |
| St. Catharines C | 20.15 | .... | 45–60 | 2.3 | 0.9 | 0.83 | 10 |
| St. Clair Beach | 33.36 | .... | 60 | 4.2 | 1.3 | 1.67 | 10 |
| St. George | 32.98 | .... | 60 | 3.2 | 1.1 | 1.11 | 10 |
| St. Jacobs | 26.41 | .... | 60 | 2.8 | 1.0 | 0.83 | 10 |
| St. Marys T | 29.03 | .... | 60 | 3.1 | 1.0 | 0.83 | 10 |
| St. Thomas C | 24.28 | .... | 60 | 2.4 | 0.8 | 0.83 | 10 |
| Sarnia C | 27.15 | .... | 60 | 2.5 | 0.8 | 0.83 | 10 |
| Scarborough Twp. | 25.12 | .... | 60 | 2.8 | 1.0 | 0.83 | 10 |
| Seaforth T | 29.15 | .... | 60 | 2.9 | 1.1 | 0.83 | 10 |
| Shelburne | 39.95 | .... | 50 | 3.8 | 1.0 | 1.11 | 10 |
| Simcoe T | 25.41 | .... | 60 | 2.2 | 0.8 | 0.83 | 10 |
| Sioux Lookout T | ..... | .... | 60 | 6.0 | 2.0 | 2.00 | 10 |
| Smiths Falls T | 25.03 | .... | 55 | 3.0 | 1.0 | 0.83 | 10 |
| Smithville | 29.27 | .... | 60 | 3.8 | 1.3 | 1.11 | 10 |
| Southampton T | 36.39 | .... | 40 | 3.6 | 1.2 | 1.11 | 10 |
| Springfield | 37.07 | .... | 60 | 3.6 | 1.1 | 1.11 | 10 |
| Stamford Twp. | 17.76 | .... | 60 | 3.0 | 1.0 | 0.83 | 10 |
| Stayner T | 36.65 | .... | 55 | 3.0 | 1.1 | 0.83 | 10 |
| Stirling | 26.04 | .... | 60 | 2.5 | 1.0 | 0.83 | 10 |
| Stoney Creek | ..... | .... | 60 | 3.5 | 1.1 | 0.83 | 10 |
| Stouffville | 30.10 | .... | 60 | 2.8 | 1.0 | 0.83 | 10 |
| Stratford C | 25.74 | .... | 60 | 2.8 | 0.9 | 0.83 | 10 |
| Strathroy T | 26.26 | .... | 60 | 2.6 | 0.8 | 0.83 | 10 |
| Streetsville | 28.19 | .... | 55 | 3.5 | 1.0 | 0.83 | 10 |
| Sudbury C | ..... | .... | 55 | 2.7 | 1.2 | 0.83 | 10 |
| Sunderland | 47.40 | .... | 45 | 4.7 | 1.2 | 1.39 | 10 |
| Sutton | 36.25 | .... | 50 | 4.0 | 1.3 | 1.11 | 10 |
| Swansea | 25.84 | .... | 60 | 2.5 | 1.2 | 0.83 | 10 |
| Tara | 40.66 | .... | 40 | 4.5 | 1.8 | 1.11 | 10 |
| Tavistock | 28.70 | .... | 60 | 3.0 | 1.0 | 0.83 | 10 |
| Tecumseh T | 31.33 | .... | 60 | 4.0 | 1.1 | 1.11 | 10 |
| Teeswater | 47.43 | .... | 50 | 5.0 | 1.3 | 1.39 | 10 |
| Thamesford | 32.23 | .... | 60 | 2.7 | 0.9 | 1.11 | 10 |
| Thamesville | 30.41 | .... | 60 | 2.5 | 0.8 | 0.83 | 10 |
| Thedford | 44.37 | .... | 55 | 5.0 | 1.2 | 1.11 | 10 |
| Thorndale | 39.02 | .... | 60 | 4.2 | 1.2 | 1.11 | 10 |
| Thornton | 50.45 | .... | 60 | 6.0 | 1.5 | 1.67 | 10 |
| Thorold T | 21.88 | .... | 60 | 2.2 | 0.8 | 0.83 | 10 |
| Tilbury T | 28.72 | .... | 60 | 2.2 | 0.8 | 0.83 | 10 |
| Tillsonburg T | 26.62 | .... | 60 | 2.3 | 0.8 | 0.83 | 10 |

### "E"—Continued

## Domestic Service—Commercial Light Service—Power Service Served by The Hydro-Electric Power Commission

| Commercial Light service | | | | | Power service | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Service charge per 100 watts min. 1,000 watts | First 100 hrs. per month per kw-hr. | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount | Basis of rate 130 hours' monthly use of demand | Service charge per h.p. per month | First 50 hrs. per month per kw-hr. | Second 50 hrs. per month per kw-hr. | All additional per kw-hr. | Minimum per h.p. per month | Local discount | Prompt payment discount |
| cents | cents | cents | $ c. | % | $ c. | $ c. | cents | cents | cents | $ c. | % | % |
| †5.0 | 1.6 | 1/3 | 0.83 | 10 | 15.00 | 1.00 | 1.3 | 0.8 | 0.33 | ...... | 25 | 10 |
| 5.0 | 4.3 | 1.0 | 1.67 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.7 | 0.6 | 1.11 | 10 | 26.00 | 1.00 | 2.2 | 1.4 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.4 | 0.7 | 0.83 | 10 | 21.00 | 1.00 | 1.8 | 1.1 | 0.33 | ...... | 10 | 10 |
| 5.0 | 2.5 | 0.8 | 0.83 | 10 | 23.00 | 1.00 | 2.1 | 1.4 | 0.33 | ...... | 10 | 10 |
| 5.0 | 1.7 | 0.3 | 0.83 | 10 | 15.00 | 1.00 | 1.3 | 0.8 | 0.33 | ...... | 25 | 10 |
| 5.0 | 1.9 | 0.4 | 0.83 | 10 | 19.00 | 1.00 | 2.0 | 1.4 | 0.33 | ...... | 25 | 10 |
| 5.0 | 2.2 | 0.5 | 0.83 | 10 | 23.00 | 1.00 | 2.1 | 1.4 | 0.33 | ...... | 10 | 10 |
| 5.0 | 2.2 | 0.7 | 0.83 | 10 | 21.00 | 1.00 | 1.8 | 1.1 | 0.33 | ...... | 10 | 10 |
| 5.0 | 2.5 | 0.9 | 1.11 | 10 | 23.00 | 1.00 | 2.1 | 1.4 | 0.33 | ...... | 10 | 10 |
| 5.0 | 1.8 | 0.4 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | ...... | 25 | 10 |
| 5.0 | 6.0 | 2.0 | *1.00 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.0 | 0.5 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | ...... | 25 | 10 |
| 5.0 | 3.3 | 1.0 | 1.11 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.8 | 0.8 | 1.11 | 10 | 25.00 | 1.00 | 2.0 | 1.3 | 0.33 | ...... | .. | 10 |
| 5.0 | 3.0 | 1.0 | 1.11 | 10 | 34.00 | 1.00 | 3.4 | 2.2 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.0 | 0.5 | 0.83 | 10 | 16.00 | 1.00 | 1.5 | 0.9 | 0.33 | ...... | 25 | 10 |
| 5.0 | 2.3 | 0.9 | 0.83 | 10 | 23.00 | 1.00 | 2.1 | 1.4 | 0.33 | ...... | 10 | 10 |
| 5.0 | 2.0 | 1.0 | 0.83 | 10 | 21.00 | 1.00 | 1.8 | 1.1 | 0.33 | ...... | 10 | 10 |
| 5.0 | 3.2 | 0.7 | 0.83 | 10 | 27.00 | 1.00 | 2.3 | 1.5 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.5 | 0.7 | 0.83 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | ...... | 10 | 10 |
| 5.0 | 2.0 | 0.4 | 0.83 | 10 | 21.00 | 1.00 | 1.8 | 1.1 | 0.33 | ...... | 10 | 10 |
| 5.0 | 2.0 | 0.5 | 0.83 | 10 | 19.00 | 1.00 | 2.0 | 1.4 | 0.33 | ...... | 25 | 10 |
| 5.0 | 2.5 | 0.7 | 0.83 | 10 | 25.00 | 1.00 | 2.0 | 1.3 | 0.33 | ...... | .. | 10 |
| 5.0 | 3.0 | 1.0 | 0.83 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | ...... | .. | 10 |
| 5.0 | 4.0 | 1.0 | 1.39 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ...... | .. | 10 |
| 5.0 | 3.7 | 1.0 | 1.11 | 10 | 34.00 | 1.00 | 3.4 | 2.2 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.0 | 0.75 | 0.83 | 10 | 21.00 | 1.00 | 1.8 | 1.1 | 0.33 | ...... | 10 | 10 |
| 5.0 | 3.6 | 0.8 | 1.11 | 10 | 36.00 | 1.00 | 3.7 | 2.4 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.3 | 0.7 | 0.83 | 10 | 21.00 | 1.00 | 1.8 | 1.1 | 0.33 | ...... | 10 | 10 |
| 5.0 | 3.2 | 0.7 | 1.11 | 10 | 26.00 | 1.00 | 2.2 | 1.4 | 0.33 | ...... | .. | 10 |
| 5.0 | 4.0 | 1.0 | 1.39 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.1 | 0.6 | 1.11 | 10 | 21.00 | 1.00 | 1.8 | 1.1 | 0.33 | ...... | 10 | 10 |
| 5.0 | 1.9 | 0.5 | 0.83 | 10 | 23.00 | 1.00 | 2.1 | 1.4 | 0.33 | ...... | 10 | 10 |
| 5.0 | 4.6 | 1.0 | 1.11 | 10 | 48.00 | 1.00 | 5.4 | 3.6 | 0.33 | ...... | .. | 10 |
| 5.0 | 3.2 | 0.9 | 1.11 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ...... | .. | 10 |
| 5.0 | 5.5 | 1.0 | 1.67 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 1.6 | 0.35 | 0.83 | 10 | 16.00 | 1.00 | 1.5 | 0.9 | 0.33 | ...... | 25 | 10 |
| 5.0 | 1.7 | 0.4 | 0.83 | 10 | 17.00 | 1.00 | 1.7 | 1.1 | 0.33 | ...... | 25 | 10 |
| 5.0 | 1.8 | 0.4 | 0.83 | 10 | 19.00 | 1.00 | 2.0 | 1.4 | 0.33 | ...... | 25 | 10 |

†Min. 500 watts.
*$1.00 per 100 watts. Min. $2.00. Max. $5.00.

## STATEMENT

### Cost of Power to Municipalities and Rates to Consumers for for the Year 1942, in Urban Municipalities

| Municipality<br>C—City<br>T—Town<br>(pop. 2,000 or more) | Annual cost to the Commission on the works to serve electrical energy to municipality on a horse-power basis | Domestic service |  |  |  |  |  |
|---|---|---|---|---|---|---|---|
|  |  | Service charge per month | First rate |  | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount |
|  |  |  | Number of kw-hrs. per month | Per kw-hr. per month |  |  |  |
|  | $ c. | cents |  | cents | cents | $ c. | % |
| Toronto . . . . . . . . . . . . C | 22.33 | *a*3 | . . . . | *b*1.8 | 1.0 | 0.83 | 10 |
| Toronto Twp. . . . . . . . . . | 26.52 | . . . . | 60 | 2.9 | 1.0 | 1.11 | 10 |
| Tottenham . . . . . . . . . . . | 58.42 | . . . . | 35 | 5.5 | 1.5 | 1.67 | 10 |
| Trafalgar Twp. Area 1. | 26.89 | . . . . | 60 | 3.1 | 1.7 | *0.83<br>†2.22 | 10 |
| Trafalgar Twp. Area 2. | 31.32 | . . . . | 60 | 3.6 | 1.2 | 1.11 | 10 |
| Trenton . . . . . . . . . . . . . T | 24.29 | . . . . | 50 | 3.0 | 1.0 | 0.83 | 10 |
| Tweed . . . . . . . . . . . . . . . | 44.73 | . . . . | 50 | 4.0 | 1.2 | 1.11 | 10 |
| Uxbridge . . . . . . . . . . . . T | 43.08 | . . . . | 50 | 3.6 | 1.2 | 1.11 | 10 |
| Victoria Harbour . . . . . . | 36.69 | . . . . | 60 | 2.8 | 1.0 | 1.11 | 10 |
| Walkerton . . . . . . . . . . . T | 32.57 | . . . . | 50 | 3.6 | 1.1 | 1.11 | 10 |
| Wallaceburg . . . . . . . . . T | 27.84 | . . . . | 60 | 2.6 | 0.8 | 0.83 | 10 |
| Wardsville . . . . . . . . . . . . | 40.76 | . . . . | 60 | 5.5 | 1.5 | 1.39 | 10 |
| Warkworth . . . . . . . . . . . | 38.98 | . . . . | 50 | 4.0 | 1.2 | 1.11 | 10 |
| Waterdown . . . . . . . . . . . | 25.34 | . . . . | 60 | 2.5 | 1.0 | 0.83 | 10 |
| Waterford . . . . . . . . . . . . | 26.22 | . . . . | 60 | 2.4 | 0.9 | 0.83 | 10 |
| Waterloo . . . . . . . . . . . . T | 23.49 | . . . . | 60 | 2.3 | 0.9 | 0.83 | 10 |
| Watford . . . . . . . . . . . . . . | 33.73 | . . . . | 60 | 3.3 | 1.0 | 1.11 | 10 |
| Waubaushene . . . . . . . . . | 34.80 | . . . . | 55 | 3.0 | 1.0 | 1.11 | 10 |
| Welland . . . . . . . . . . . . . C | 19.70 | . . . . | 60 | 2.0 | 0.8 | 0.83 | 10 |
| Wellesley . . . . . . . . . . . . . | 32.54 | . . . . | 50 | 3.5 | 1.1 | 1.11 | 10 |
| Wellington . . . . . . . . . . . . | 35.57 | . . . . | 60 | 2.8 | 1.25 | 0.83 | 10 |
| West Lorne . . . . . . . . . . . | 33.56 | . . . . | 60 | 2.8 | 0.8 | 0.83 | 10 |
| Weston . . . . . . . . . . . . . T | 23.10 | . . . . | 60 | 2.4 | 0.9 | 0.83 | 10 |
| Westport . . . . . . . . . . . . . | 51.40 | . . . . | 45 | 5.0 | 1.5 | 1.94 | 10 |
| Wheatley . . . . . . . . . . . . . | 37.88 | . . . . | 60 | 3.4 | 1.0 | 0.83 | 10 |
| Whitby . . . . . . . . . . . . . . T | 28.87 | . . . . | 60 | 2.8 | 1.0 | 0.83 | 10 |
| Wiarton . . . . . . . . . . . . . T | 46.51 | . . . . | 50 | 3.2 | 1.0 | 1.39 | 10 |
| Williamsburg . . . . . . . . . | 30.18 | . . . . | 60 | 2.0 | 0.8 | 0.83 | 10 |
| Winchester . . . . . . . . . . . | 30.88 | . . . . | 60 | 2.4 | 1.2 | 0.83 | 10 |
| Windermere . . . . . . . . . . | 52.73 | ‡33 | . . . . | 5.0 | 1.5 | †2.22 | 10 |
| Windsor . . . . . . . . . . . . . C | 25.42 | . . . . | 60 | 3.1 | 0.8 | 0.83 | 10 |
| Wingham . . . . . . . . . . . T | 41.39 | . . . . | 50 | 3.2 | 1.1 | 1.11 | 10 |
| Woodbridge . . . . . . . . . . | 26.02 | . . . . | 60 | 3.0 | 1.1 | 0.83 | 10 |
| Woodstock . . . . . . . . . . C | 23.87 | . . . . | 60 | 2.4 | 0.8 | 0.83 | 10 |
| Woodville . . . . . . . . . . . . | 46.35 | . . . . | 50 | 3.8 | 1.0 | 1.11 | 10 |
| Wyoming . . . . . . . . . . . . . | 40.59 | . . . . | 60 | 3.3 | 0.9 | 1.11 | 10 |
| York Twp. . . . . . . . . . . . | 23.93 | . . . . | 60 | 2.5 | 1.3 | 0.83 | 10 |
| Zurich . . . . . . . . . . . . . . . | 39.60 | . . . . | 60 | 4.0 | 1.0 | 1.11 | 10 |

*a*Service Charge per 100 sq. ft. floor area.
*b*Per kw-hr. for 1st. 3 kw-hrs. per 100 sq. ft.
*Under 10 kw. $0.83 minimum bill. †Over 10 kw. $2.22 minimum bill.
‡According to consumers' demand.

## "E"—Concluded

## Domestic Service—Commercial Light Service—Power Service Served by The Hydro-Electric Power Commission

| Commercial Light service | | | | | Power service | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Service charge per 100 watts min. 1,000 watts | First 100 hrs. per month per kw-hr. | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount | Basis of rate 130 hours' monthly use of demand | Service charge per h.p. per month | First 50 hrs. per month per kw-hr. | Second 50 hrs. per month per kw-hr. | All additional per kw-hr. | Minimum per h.p. per month | Local discount | Prompt payment discount |
| cents | cents | cents | $ c. | % | $ c. | $ c. | cents | cents | cents | $ c. | % | % |
| | *c*{3 | | | | | *d*{D.C. | 3.0 | 1.2 | .0.6 | ...... | .. | 10 |
| | {2/3 | 1/3 | 0.83 | 10 | | {A.C. | 2.0 | 1.0 | *e*{1/3<br>{1/6 | ...... | .. | 10 |
| 5.0 | 2.2 | 0.6 | 1.11 | 10 | 22.00 | 1.00 | 1.9 | 1.3 | 0.33 | ...... | 10 | 10 |
| 10.0 | 5.0 | 1.0 | 1.67 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.8 | 0.7 | 0.83 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.8 | 0.7 | 1.11 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.6 | 0.8 | 0.83 | 10 | 19.00 | 1.00 | 2.0 | 1.4 | 0.33 | ...... | 25 | 10 |
| 5.0 | 3.5 | 1.0 | 1.11 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 3.0 | 0.9 | 1.11 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.2 | 0.8 | 1.11 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.4 | 0.9 | 1.11 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.0 | 0.5 | 0.83 | 10 | 19.00 | 1.00 | 2.0 | 1.4 | 0.33 | ...... | 25 | 10 |
| 5.0 | 5.0 | 1.0 | 1.39 | 10 | 42.00 | 1.00 | 4.6 | 3.0 | 0.33 | ...... | .. | 10 |
| 5.0 | 3.0 | 1.0 | 1.11 | 10 | 32.00 | 1.00 | 3.1 | 2.0 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.0 | 0.5 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | ...... | 25 | 10 |
| 5.0 | 1.9 | 0.6 | 0.83 | 10 | 17.00 | 1.00 | 1.7 | 1.1 | 0.33 | ...... | 25 | 10 |
| 5.0 | 1.9 | 0.4 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | ...... | 25 | 10 |
| 5.0 | 2.9 | 0.9 | 1.11 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.2 | 1.0 | 1.11 | 10 | 33.00 | 1.00 | 3.2 | 2.1 | 0.33 | ...... | .. | 10 |
| 5.0 | 1.6 | 0.3 | 0.83 | 10 | 16.00 | 1.00 | 1.5 | 0.9 | 0.33 | ...... | 25 | 10 |
| 5.0 | 3.5 | 1.0 | 1.11 | 10 | 26.00 | 1.00 | 2.2 | 1.4 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.5 | 1.0 | 0.83 | 10 | 34.00 | 1.00 | 3.4 | 2.2 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.3 | 0.5 | 0.83 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | ...... | 10 | 10 |
| 5.0 | 1.6 | 0.4 | 0.83 | 10 | 17.00 | 1.00 | 1.7 | 1.1 | 0.33 | ...... | 25 | 10 |
| 5.0 | 5.0 | 1.0 | 1.94 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | ...... | .. | 10 |
| 5.0 | 3.0 | 0.9 | 0.83 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.3 | 0.6 | 0.83 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | ...... | 10 | 10 |
| 5.0 | 3.3 | 0.8 | 1.39 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.0 | 0.8 | 0.83 | 10 | 32.00 | 1.00 | 3.1 | 2.0 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.0 | 0.8 | 0.83 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | ...... | 10 | 10 |
| 5.0 | 5.0 | 1.5 | †2.22 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.4 | 0.6 | 0.83 | 10 | 20.00 | 1.00 | 1.6 | 1.0 | 0.33 | ...... | 10 | 10 |
| 5.0 | 2.6 | 0.8 | 1.11 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.4 | 0.6 | 0.83 | 10 | 19.00 | 1.00 | 2.0 | 1.4 | 0.33 | ...... | 25 | 10 |
| 5.0 | 1.8 | 0.4 | 0.83 | 10 | 16.00 | 1.00 | 1.5 | 0.9 | 0.33 | ...... | 25 | 10 |
| 5.0 | 2.8 | 0.8 | 1.11 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | ...... | .. | 10 |
| 5.0 | 3.0 | 0.8 | 1.11 | 10 | 32.00 | 1.00 | 3.1 | 2.0 | 0.33 | ...... | .. | 10 |
| 5.0 | 2.0 | 0.75 | 0.83 | 10 | 21.00 | 1.00 | 1.8 | 1.1 | 0.33 | ...... | 10 | 10 |
| 5.0 | 3.7 | 0.9 | 1.11 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ...... | .. | 10 |

*c*First 80 hours' use—3c. per kw-hr. Next 80 hours' use 2/3c. per kw-hr.

*d*D.C. service charge $1.50 per kw. per month for 1st 7½ kw. plus $1.05 per kw. for all additional demand.

A.C. service charge $1.10 per kw. per month for 1st 7½ kw. plus $0.90 per kw. for all additional demand.

*e*1/3c. per kw-hr. for next 300 hours' use plus 1/6c. per kw-hr. for all additional.

# APPENDIX I

## ACTS

### CHAPTER 35

An Act respecting The Hydro-Electric Power Commission of Ontario, Steep Rock Iron Mines Limited and The Ontario-Minnesota Pulp and Paper Company Limited.

*Assented to April 15th, 1942.*

*Session Prorogued April 16th, 1942.*

HIS MAJESTY, by and with the advice and consent of the Legislative Assembly of the Province of Ontario, enacts as follows:

Certain contracts declared legal and valid.

**1.** Notwithstanding anything contained in *The Power Commission Act*, or any other Act of this Legislature,—

(*a*) the contract between The Hydro-Electric Power Commission of Ontario and The Ontario-Minnesota Pulp and Paper Company Limited and The Seine River Improvement Company Limited dated the 10th day of April, 1942, set out in Schedule A hereto, relating to the supply of power to The Ontario-Minnesota Pulp and Paper Company Limited and other matters as therein provided;

(*b*) the contract between The Hydro-Electric Power Commission of Ontario and Steep Rock Iron Mines Limited dated the 10th day of April, 1942, set out in Schedule B hereto, relating to the supply of power to Steep Rock Iron Mines Limited and other matters as therein provided;

(*c*) the contract between The Hydro-Electric Power Commission of Ontario and Steep Rock Iron Mines Limited dated the 10th day of April, 1942, set out in Schedule C hereto, relating to the construction of a power transmission line, the furnishing of security by Steep Rock Iron Mines Limited to The Hydro-Electric Power Commission of Ontario and other matters as therein provided; and (*d*) the contract between The Ontario-Minnesota Pulp and Paper Company Limited, Steep Rock Iron Mines Limited and The Seine River Improvement Company Limited dated the 10th day of April, 1942, set out in Schedule D hereto, relating to certain obligations undertaken by Steep Rock Iron Mines Limited and to certain matters mentioned in the contract referred to in clause *c* of this section and other matters as therein provided,

when executed by the parties are hereby ratified and confirmed and declared to be legal, valid and binding upon the parties thereto, their successors and assigns.

Default of Steep Rock Iron Mines Limited.

**2.**—(1) In the event of default by Steep Rock Iron Mines Limited in respect of its obligations under the agreement set out in Schedule C, The Hydro-Electric Power Commission of Ontario is authorized, empowered and directed to re-open or cause to be re-opened the power plant referred to as the Moose Lake power plant, in the agreements set out in the schedules hereto or otherwise to restore the normal water flow in the Seine River.

Losses and Profits.

(2) Any losses or profits arising from the agreements set out in Schedules A, B and C, and losses arising out of indemnities or guarantees given by The Hydro-Electric Power Commission of Ontario under the agreement set out in Schedule A, shall be charged or credited to the account for Northern Ontario Properties of The Hydro-Electric Power Commission of Ontario under the agreement entered into by The Hydro-Electric Power Commission of Ontario with His Majesty the King under section 47 of *The Power Commission Act*, dated June 30th, 1933, or any other agreement made thereunder.

Powers; rights of action.

**3.** The Ontario-Minnesota Pulp and Paper Company Limited or any corporation or person succeeding to the ownership of the Seine River properties as defined in the contract referred to in clause *a* of section 1 either alone or together with The Hydro-Electric Power Commission of Ontario shall be entitled as provided in the said contract to operate and control the gates of the Seine Diversion as defined in the said contract; and no action shall be brought or be maintainable against The Ontario-Minnesota Pulp and Paper Company Limited, its successors or assigns or The Seine River Improvement Company Limited or any corporation or person succeeding to its ownership of the said Seine River properties in respect of any claim arising or growing out of or based upon any escape of water from Moose Lake into any part of the area at the date of the coming into force of this Act covered by Steep Rock Lake during the time in which the operation of the Moose Lake plant as defined in the said contract shall be suspended under the terms of the said contract; it being hereby declared and provided that Steep Rock Iron Mines Limited, its successors and assigns shall be liable and that neither The Ontario-Minnesota Pulp and Paper Company Limited, its successors or assigns, nor The Seine River Improvement Company Limited nor any corporation or person succeeding to its ownership shall be liable in respect of any such claims aforesaid and that all actions, if any, upon any such claim shall be maintainable against Steep Rock Iron Mines Limited, its successors and assigns; and such powers of expropriation as were exercisable by The Seine River Improvement Company Limited at the time when this Act comes into force for the purpose of acquiring title to or rights of way or easements over tracts of land crossed by the existing transmission line of The Seine River Improvement Company Limited may be validly exercised by The Ontario-Minnesota Pulp and Paper Company Limited in the same manner and to the same extent as if Part XIII of *The Companies Act* applied to The Ontario-Minnesota Pulp and Paper Company Limited.

Commencement of agreements.

**4.** Notwithstanding anything contained in the agreements set out in Schedules A, B, C and D, the said agreements shall not become binding upon the parties thereto until the day upon which this Act shall come into force.

Commencement of Act.

**5.** This Act shall come into force on a day to be named by the Lieutenant-Governor by his Proclamation, provided that no such Proclamation shall be issued after the 31st day of July, 1942, or shall name a day after the 31st day of July, 1942.

Short title

**6.** This Act may be cited as *The Steep Rock Iron Ore Development Act, 1942.*

## SCHEDULE A

### to An Act respecting The Hydro-Electric Power Commission of Ontario, Steep Rock Iron Mines Limited and The Ontario-Minnesota Pulp and Paper Company Limited.

This Agreement made in triplicate the 10th day of April, A.D. 1942;
Between:

The Hydro-Electric Power Commission of Ontario,
hereinafter called the "Commission"

OF THE FIRST PART,

The Ontario-Minnesota Pulp and Paper Company, Limited,
hereinafter called the "Company"

OF THE SECOND PART

—and—

The Seine River Improvement Company, Limited,
hereinafter called the "Seine River Company"

OF THE THIRD PART.

Whereas the Commission acting under *The Power Commission Act*, R.S.O. 1937, Chapter 62, and amendments thereto, is willing to enter into an agreement for the supply of electrical power on the terms and conditions herein contained;

And Whereas the Company is duly incorporated under the laws of the Province of Ontario and is operating a pulp and paper plant at the Town of Fort Frances in the District of Rainy River, in the Province of Ontario, with head office at the Town of Kenora, in the said Province, and whereas the Seine River Company, a wholly owned subsidiary of the Company, is operating a power plant and development at the head of Steep Rock Lake in the said District of Rainy River, hereinafter referred to as the "Moose Lake Plant", for the purposes of the Company, and is also operating power plants and developments at Calm Lake and Sturgeon Falls with terminal facilities at Fort Frances, all in the said District of Rainy River for the purposes of the Company, the said power plants and developments being hereinafter referred to as the "Seine River Properties"; and whereas Steep Rock Iron Mines Limited, a Company incorporated under the laws of the Province of Ontario, proposes to develop and operate mining properties in the vicinity of the said Moose Lake Plant, and for such purpose proposes to de-water Steep Rock Lake and divert and interfere with the natural flow in the Seine River through Steep Rock Lake, the said diversion and interference and the completed works related thereto being hereinafter referred to as the "Seine Diversion";

And Whereas the Company proposes to acquire substantially the whole of the assets of the Seine River Company and following such acquisition to cause the Seine River Company to be dissolved or liquidated;

And Whereas said Seine Diversion will render it impractical for the Seine River Company to operate its said Moose Lake plant, and it is proposed that the Commission should supply the Company with electric power to replace the power which would otherwise be developed by the Seine River Company at the said Moose Lake plant; which said power is hereinafter called "replacement power";

And Whereas the Seine Diversion will require the cessation of the operation of the Moose Lake plant, and thereby cut off the power which otherwise might be developed by the said plant; and whereas the reopening of the said Moose Lake plant will temporarily interfere with the waterflow at the said Calm Lake and Sturgeon Falls plants, and may thereby partially curtail the development of power by those plants;

And Whereas the Seine Diversion and mining operations will not involve the removal of the said Moose Lake plant, but will prevent the discharge of water from the said plant, and render its use impractical for the generating of power, and it is proposed to maintain the said plant in such condition that its operation may be resumed if and when the said water discharge is again available, and to maintain the electrical equipment therein in operating condition so that the generating units may be utilized to perform the duties of synchronous condensers if so desired;

And Whereas the Commission by an agreement of even date has made arrangements with Steep Rock Iron Mines, Limited, for payment and security therefor in respect of the said replacement power;

And Whereas the Company may desire to take and the Commission may desire to supply power additional to the replacement power upon the terms hereinafter set forth, which said additional power is hereinafter referred to as "supplementary power";

And Whereas to supply power hereunder it will be necessary to utilize a transmission line between the Commission's Port Arthur Transformer Station at or near the City of Port Arthur and the said Moose Lake plant, which said transmission line is to be constructed by the Commission for Steep Rock Iron Mines, Limited, and paid for and owned by Steep Rock Iron Mines, Limited; and it may be desired to install and use synchronous condenser equipment at the said Moose Lake plant or to use generating equipment at the said Moose Lake plant as synchronous condensers, and also to use the facilities of the Seine River Company's other generating plants for such purpose;

And Whereas the said Seine River properties generally consist of three Hydro-Electric plants, commonly known as the Moose Lake, Calm Lake and Sturgeon Falls plants, along the course of the Seine River located upon the parcels of land described in that certain lease (hereinafter referred to as water power lease No. 28) granted by His Majesty the King and dated the 29th day of April, 1927, which lease provides rights of renewal for successive terms of twenty-one years each, the last of such terms to expire on the 31st day of March, 1989;

And Whereas the Commission in an agreement of even date herewith between the Commission and Steep Rock Iron Mines, Limited (hereinafter referred to as "the Steep Rock Company") has undertaken to supply electric power (hereinafter sometimes referred to as Steep Rock power) to the Steep Rock Company for the operations of the latter in dewatering Steep Rock Lake and in mining;

And Whereas the parties have agreed that the foregoing recitals shall be conclusively deemed to be correct and shall not be open to question by any of them as evidenced by their execution of this agreement;

Now Therefore This Indenture Witnesseth that in consideration of the premises and the mutual and respective covenants and agreements of the parties and other considerations herein contained the parties hereto covenant, promise and agree as follows:—

1. The Commission Agrees:

To reserve for and deliver to the Company without charge to the Company up to Ten Thousand Five Hundred Horsepower (10,500 H.P.) subject to variation as hereinafter provided in Clauses 3, 4 and 5 hereof of electrical power and energy as replacement power under the conditions and at the point of delivery herein specified, such delivery to commence on a date and hour to be designated in a written notice to be given to the Company by the Commission (which date and hour are hereinafter referred to as "the Commencement Date"); such notice shall be delivered to the Company at least five (5) days in advance of the Commencement Date therein designated, but shall in no event be given before the Commission is fully prepared to deliver the full requirements of replacement power hereunder, or later than the 1st day of July, 1945 (unless a later date be concurred in by the Company), and in default of the giving of such notice within said period of time or such period of time as extended, this entire agreement shall be of no further force or effect:

2. The Company Agrees:

That upon receipt by it of the notice given under the conditions set out in Clause 1 hereof, it will regulate the output of the said Moose Lake plant according to the Commission's directions, and will at the appropriate time close, and at all times thereafter cause to be kept closed, until March 31, 1989, or until termination of the rights of the lessee under said water power lease No. 28, or until the Moose Lake plant shall be restored to operation pursuant to the provisions of Clause 28 hereof (whichever shall be the earlier date) the gates in the Moose Lake plant, and in the dam maintained in connection therewith, so as to stop the flow of water through the said plant and dam into Steep Rock Lake, provided, however, that the Company shall not be required to take any such action unless contemporaneously therewith the Commission shall commence delivery of said replacement power at the point of delivery and until the control and operation of the gates of the Seine Diversion shall be turned over to the Company:

3. Notwithstanding Clauses 1 and 2, the parties recognize that there will be a short period of transition from the undisturbed basis of operation of the Seine River properties to the basis which will be established after the Seine Diversion is in operation; it is recongized that during such period the output of the Seine River properties may be interfered with; the parties agree that during such period the Company shall be entitled to receive a maximum amount of replacement power which, together with the quantity from time to time available from the Seine River properties, will be equal to the total amount of power which would have been available had undisturbed conditions continued; the parties agree to co-operate in the various operations involved in this transition to give effect to the foregoing; the transition period shall commence as soon as any interference with the output of the Seine River properties occurs and shall terminate on a date to be fixed by the Commission by notice to the Company, which notice shall be given and which date shall be fixed as early as is reasonably practicable:

4. The Commission agrees that if, in accordance with the provisions of paragraph 4 of a certain agreement of even date herewith between the Company and the Steep Rock Company,

and the Seine River Company, it shall be determined as therein provided that the Company is entitled to and the Company shall elect to receive additional replacement power and shall give to the Commission notice of such election, the Commission will furnish such additional replacement power without charge to the Company in such amount as shall be determined in accordance with the provisions of the said agreement, which amount of additional replacement power shall be added to the Ten Thousand Five Hundred Horsepower (10,500 H.P.) agreed to be furnished by the Commission under Clause 1:

5. The Commission agrees that upon the restoration of the Moose Lake plant to operation, pursuant to the notice referred to in Clause 26 hereof or otherwise and until the normal waterflow in the said Seine River through Steep Rock Lake is restored it will continue to furnish replacement power, without charge to the Company, in an amount which shall be equal to the Ten Thousand Five Hundred Horsepower (10,500 H.P.) specified in Clause 1, or Ten Thousand Five Hundred Horsepower (10,500 H.P.) increased in accordance with Clause 4, plus the amount by which the amount of power available from the Calm Lake and Sturgeon Falls plants is reduced on account of said restoration, and minus the amount of power which during the period of restoration shall be available at the Moose Lake plant:

6. In addition to the said replacement power to be supplied pursuant to Clause 1, 3, 4 and 5 inclusive, the Commission also agrees to deliver additional power hereinafter called "supplementary power" to the Company upon the request of the Company from time to time, but only when and in such amounts and for such periods as the Commission is willing to supply and the Company is willing to take it and subject to reduction and/or interruption in whole or in part by the Commission at any and at all times and for such duration of time as the Commission in its sole discretion may from time to time will and direct:

7. The Commission agrees to deliver all power hereunder at the point of delivery herein defined as the 110,000 volt bus in the Company's Moose Lake plant:

8. The Commission agrees to deliver the replacement power as commercially continuous, twenty-four (24) hour power every day in the year except as provided for in this agreement, and to deliver the Supplementary power pursuant to the provisions of clause 6:

9. The Commission agrees that such changes in or additions to the electrical equipment of the Seine River properties as may be required to enable the Company to receive and control power hereunder without interfering with the power operations of the Seine River Company and / or the Company shall be provided and installed by the Commission before the commencement date at the sole expense of the Commission (provided that such equipment shall not thereby become the property of the Seine River Company, its successors or assigns) and to the extent that any such equipment is so provided and installed the same may be removed by the Commission in accordance with the provisions of Clause 20;

The Commission agrees to use at all times first-class, suitable standard commercial apparatus and plant and to exercise all due skill and diligence so that the service rendered to the Company shall be in accordance with appropriate commercial standards:

10. If in any month the Company takes power so that the average or integrated demand for any thirty (30) consecutive minutes is in excess of Ten Thousand Five Hundred Horsepower (10,500 H.P.) or the amount to which the said Ten Thousand Five Hundred Horsepower (10,500 H.P.) has been varied under the provisions of clauses 3, 4 and 5 or any of them such excess shall be deemed to be supplementary power, except to the extent that such taking is due exclusively to inadvertence, accident, exigencies created by operation of systems in parallel, or other cause reasonably beyond the control of the Company. The taking of such excess shall not thereby constitute an obligation on the part of the Commission to reserve and / or deliver power increased to any extent over its obligations under clauses 1, 3, 4 and 5 but for such month the Company shall pay for supplementary power as if such excess had been taken for the whole month, but such payment shall not confer upon the Company any right to take such or any excess power free from the restrictions thereon specified in clause 6:

11. All power delivered under this agreement shall be alternating three-phase having a frequency of approximately Sixty (60) cycles subject to ordinary variations of approximately five per cent (5%) and a nominal voltage of approximately One Hundred and Ten Thousand volts (110 kv.) which nominal voltage it is agreed is in magnitude only commercially suitable for the operation in parallel of the Seine River Company's system with that of the Commission:

Because the Seine River Company's system includes generating plants which will be operated in parallel with the Commission's system supplying power hereunder, the Seine River Company agrees to so operate its own plants to the extent possible with its equipment installed, to assist the Commission to maintain at all times the said voltage specified hereinabove; and such other equipment or facilities necessary to enable the Commission to fulfill its obligations hereunder in respect of voltage shall be supplied by the Commission;

If it should be desired by the Commission the Seine River Company shall during the term of this agreement operate and maintain the electric generating units in its said Moose Lake plant as synchronous condensers, charging the Commission the actual cost of converting the said electric generating units for such purpose;

For the purpose of this agreement the word "power" shall mean electrical power and unless the context requires a different meaning shall also mean and include "energy";

One horsepower shall be equivalent to Seven Hundred and Forty-six Watts (746 W.):

12. THE COMPANY AGREES:

(a) To make all payments to be made to the Commission under this agreement in lawful money of the Dominion of Canada, at Toronto, and to pay in monthly payments to the Commission on the Twentieth (20th) day of each month of the calendar for the accrual of the preceding month of the calendar when the Commission shall have rendered the bill therefor on or before the Tenth (10th) day, or if the bill be rendered after the Tenth (10th) day, then Ten (10) days after the date of rendering; provided that all payments in arrears after the said date for payment shall bear interest at the rate of five per cent (5%) per annum;

12. (b) At all times to take and use or cause to be taken and used the power in such manner that the power factor (that is, the ratio of the kilowatts to the kilovolt amperes, determined simultaneously at the point of measurement) shall be as near as practicable to that necessary to enable the Commission to deliver the power hereunder at the voltage prescribed in clause 11 hereof, within the limits of the installed equipment of the Company and the Seine River Company;

To control and cause the Seine River Company to control power factor in such manner as is necessary to give effect to the foregoing provisions of this clause 12 (b);

13. THE COMPANY AGREES:

To pay to the Commission in monthly payments for all power delivered to or taken by the Company in any month in the following manner, namely:

(a) From the greatest average or integrated amount of power delivered to or taken by the Company for any 30 consecutive minutes in any month as determined from the indications of the Commission's metering equipment hereinafter referred to shall be deducted the ten thousand five hundred (10,500) horsepower of replacement power provided for under clause 1 hereof or the amount of replacement power as varied from time to time in accordance with the provisions of clauses 3, 4 and 5 hereof, and the balance of such power shall be deemed to be supplementary power. All supplementary power so determined shall be paid for by the Company at the rate of nineteen dollars ($19.00) per horsepower per year for the first one thousand (1,000) horsepower thereof, and the rate of twenty-four dollars and twenty cents ($24.20) per horsepower per year for all such power in excess of the said first one thousand (1,000) horsepower.

(b) From the total number of kilowatt-hours delivered to or taken by the Company in any month as indicated on the Commission's metering equipment hereinafter referred to shall be deducted an amount of energy which is equivalent to the said greatest average or integrated demand referred to in clause 13 (a) calculated at a monthly load factor of 85%, and the balance shall be deemed to be excess energy hereunder, and shall be paid for by the Company at a rate of three and one-half (3½) mills per kilowatt hour.

(c) Notwithstanding the foregoing provisions of clauses 13 (a) and 13 (b) the Company shall not be obliged in any event to pay to the Commission for replacement power:

14. THE COMPANY AND THE SEINE RIVER COMPANY AGREE:

(a) To take the power covered by this agreement in accordance with the terms hereof and to discontinue or decrease taking supplementary power when required by the Commission to do so, and to prepare for the receipt and use of the said power so as to be able to receive power at the time or times when the Commission is required to deliver the same pursuant to the provisions hereof.

(b) At all times to take and use the electrical power in such manner that the current will be taken from the three phases equally as nearly as practicable, and in any event with the difference between any two phases not greater than five per cent (5%), and if at any time the difference between any two phases be increasing so as likely to exceed, or should exceed the said five per cent (5%), to so adjust their load upon instructions from the Commission as to comply with this requirement.

(c) To continue to provide the existing electrical apparatus, equipment and works from the point of delivery, and to maintain and operate the said electrical apparatus, equipment and works in a manner satisfactory to the Commission; provided that the Company shall not be obligated to obtain or furnish any additional electrical apparatus, equipment or works save replacements.

(d) To use at all times suitable standard commercial machinery, plant and works in addition to the said electrical works and to operate and maintain the said machinery, plant and works so as to cause minimum disturbance to or fluctuation in the Commission's power supply, or facilities used by the Commission to supply power hereunder, and to exercise all due skill and diligence so as to secure the satisfactory operation of the machinery, plant and works of the Company along with the said power supply and facilities.

15. (a) Measurement of all power and energy under this agreement shall be made by means of suitable polyphase recording meters; the measuring equipment, including meters, current and potential transformers and other equipment shall be so arranged as to measure and record the said power and energy with commercial accuracy and shall if necessary be provided, installed and maintained commercially correct by the Commission;

(b) The greatest average or integrated amount of power delivered to or taken by the Company for any thirty (30) consecutive minutes in any month determined from coincident readings of the said meters, shall be the horsepower demand and a basis for determining the quantity of power delivered to or taken by the Company in the said month;

(c) The point of measuring the power covered by this agreement shall be as near as practicable to the point of delivery;

(d) Whenever the said measuring equipment is connected at other than the point of delivery the readings shall be subject to correction and shall be corrected to give results such as would be obtained by instruments connected at the point of delivery. Such corrections shall be based upon tests or calculations by the Commission;

(e) The records from the said meters shall be taken and recorded by the Company on forms supplied or approved by the Commission and when and as directed by the Commission. These records shall be dated and forwarded promptly by the Company to the Commission and such records on file with the Commission shall be available to the Company at all reasonable times for inspection and information;

(f) The Company or the Seine River Company shall provide free of charge a safe and suitable location to be approved by the Commission on the premises of the Company or the Seine River Company for the installation of the Commission's measuring equipment; and protective equipment, switching equipment, relays and other terminal equipment provided by Steep Rock Iron Mines, Limited, for the purpose of enabling it to take power from the Commission and / or for the purpose of enabling the Commission to supply power hereunder:

(g) The Commission may test, calibrate, adjust, remove or change said measuring and other equipment or any part thereof at any reasonable time, but when possible the Company shall be advised at least three (3) days in advance of the Commission's intention so to do;

(h) The Company shall have the right to test any such measuring equipment in the presence of a representative of the Commission by giving to the Commission seven (7) days' previous notice in writing of the Company's desire to test such measuring equipment;

(i) The Commission shall repair or replace and retest defective meters or other measuring equipment within a reasonable time; and if at any time there is no meter in service it shall be assumed that the power consumed is the same as for other days in the same month during which a similar load existed;

(j) Access to any measuring equipment and to any apparatus, equipment and works belonging to the Commission, or Steep Rock Iron Mines, Limited, and on the property of the Company shall be free to the representatives of the Commission at any and all times for the purpose of inspection, operation, test, adjustment, repair, alteration, reconstruction and / or removal, and the said representatives may do any of these things;

(k) The kilowatts, kilovolt amperes, kilowatt-hours and all other factors and quantities shall be determined directly or indirectly from measuring equipment provided for in this clause 15, and electrical standards as determined by The National Research Council shall be used as final reference in determining the accuracy of measuring equipment, except that in the event of The National Research Council having no facilities available for calibration of any part or parts thereof, then the Commission's standards shall be used as final reference in determining the accuracy of all such part or parts.

16. (a) The maintenance by the Commission of approximately the agreed voltage at approximately the agreed frequency, at the point of delivery shall constitute the supply of power involved herein, and a fulfilment of all the operating obligations of the Commission under this agreement. It is understood and agreed that in operation of plants in parallel the control of power factor, voltage and delivery of power is to a large extent within the control of the operators in those plants, and the Company and the Seine River Company agree that to the extent that they are able with their equipment installed, and their load, they will so operate their plants and their load as to assist the Commission in fulfilling its obligations hereunder;

(b) In case the Commission shall, at any time or times, be prevented from delivering said replacement power, or any part thereof, by strikes, lockouts, riots, fire, insurrection, hurricane, civil commotion, flood, invasion, explosion, act of God, the King's enemies, order or regulation of the Dominion of Canada, or any other similar cause or causes reasonably beyond its control, then to the extent of such prevention, the Commission shall not be bound to deliver power during such time. The Commission shall be prompt and diligent in removing the cause of such interruption, and as soon as the cause of such interruption is removed, the Commission shall, without any delay, deliver said replacement power as aforesaid;

(c) The Commission shall have the right at all reasonable times and when possible after reasonable notice has been given to the Company to discontinue, to the extent deemed necessary by the Commission, the supply of replacement power hereunder for the purpose of safeguarding life or property or for the purpose of operation, maintenance, replacement or extension of the apparatus, equipment or works used for the delivery of power hereunder, but all such interruptions shall be of a minimum duration and when possible arranged for at a time least objectionable to the Company; and the Company shall not thereby be released from any obligation under this agreement;

(d) If the Company or the Seine River Company at any time fail in the performance of any of their obligations affecting electrical operation under this agreement, including without limiting the generality of the foregoing, taking power in excess of the maximum hereunder or taking supplementary power when requested by the Commission not to take such power, the Commission may give notice thereof to the Company or to the Seine River Company, which notice may be given by telephone to an employee of the Company or the Seine River Company by a representative of the Commission and the Company or the Seine River Company shall immediately remedy the said failure; in case of continued failure, then the Commission may discontinue delivery to the Company of all power or of any part thereof, and shall not be obliged to resume delivery to the Company until the Company shall have given to the Commission sufficient assurance that such failure will not recur; in such case the Company shall not be entitled to any allowance for power not delivered nor be relieved of any obligation under this agreement;

17. The Company and the Seine River Company hereby grant to the Commission the right and wayleave or easement to use at all times free of cost or rent so much of their respective lands as may be necessary or expedient to the Commission for the supply of power to the Company, the location thereof to be satisfactory to the Company; the said rights, wayleaves and easements to be for the term of this agreement and thereafter until ninety (90) days' written notice from the Company to remove the Commission's works shall have been given and shall have expired; if the Company requires relocation of the Commission's works, the Company shall furnish on its lands an equivalent location; The Commission shall do the work of relocation and the Company shall pay the cost up to the extent such works supply power to the Company:

18. One or more representatives or engineers of the Commission appointed for this purpose, may at any reasonable time during the continuance of this agreement, have access to the Seine River Company's premises to inspect the works therein for the purposes hereof and to take records therefrom as required hereunder, and may do any of these things.

19. The Company and the Seine River Company shall assume all risk of and liability for and be responsible for any and all injury, damage and loss to property of the Commission on the premises of the Company or the Seine River Company respectively, or to any other property on the said premises or to any person or persons (including loss of life) on the said premises, other than employees of the Commission, which shall have been due to power under this agreement, or due to the said Commission property, save to the extent that same shall have been due to the negligence or default of the Commission; The Company and the Seine River Company shall indemnify the Commission and save it harmless from all such injury, damage or loss and all actions, suits, claims, costs, charges and expenses in connection therewith:

20. The Commission shall be entitled at any time prior to the expiration of ninety (90) days' notice in writing from the Company delivered after the termination of this agreement and the last extension thereof to remove from the premises of the Company and the Seine River Company, any and all apparatus, equipment and works which may have been installed by the Commission under or in connection with this agreement:

21. If after termination of this agreement power be taken by the Company from the Commission without a new agreement, such power shall be delivered, taken and paid for in accordance with the provisions set out in this agreement, provided that replacement power should be paid for at a rate to be agreed upon on the following conditions; such delivery shall not be deemed to renew or extend this agreement or to give the Company any claim or right to power or to place any obligation or liability on the Commission and the Commission may discontinue delivery of such power at any time without notice, and the Commission shall be under no obligation or liability to the Company and the Company shall not be obliged to take power after the termination of this agreement:

22. Any waiver by any party or failure by it to exercise its rights or enforce any of its remedies hereunder shall be limited to the particular instance and shall not operate or be deemed to waive any other right or remedy or extend to any other matter under this agreement, or in any other way affect the validity of this agreement or estop such party from pursuing any other remedy it may have and all rights and remedies of either party may be exercised and continued concurrently or separately:

23. In case any disagreement, dispute, difference or question shall at any time hereafter arise between the Commission and the Company in respect to the construction of this agreement or concerning anything herein contained or hereby provided for or arising herefrom of or as to the rights, liabilities or duties of the Commission and the Company and the Seine River Company or any of them, the same shall forthwith be referred to arbitration under *The Arbitration Act* of the Province of Ontario and shall be determined in accordance with and subject to the provisions of *The Arbitration Act* of the Province of Ontario, or any statutory modification or re-enactment thereof for the time being in force, and shall be determined in accordance with the laws of the Province of Ontario and when possible in a summary manner. The findings of the arbitrator or arbitrators shall be final and binding upon the Commission and the Company and the Seine River Company respectively, except that any of them may appeal from, move to set aside, vary or refer back any award as provided in the said Arbitration Act, and that the right of appeal to the Supreme Court of Canada and to the Privy Council shall not be limited; No such disagreement, dispute, difference or question shall entitle the Commission (pending the determination of the dispute by arbitration as aforesaid) to withhold delivery of replacement power:

24. The Commission hereby consents to the conveyance and transfer of the assets of the Seine River Company to the Company subject to the assumption by the Company of the obliga-

tions of the Seine River Company to the Commission under the provisions of this agreement; and upon the Company furnishing the Commission with evidence that the Company has acquired the assets of the Seine River Company on the terms aforesaid the direct obligation of the Company shall thereupon be substituted for the obligations of the Seine River Company hereunder without further formality; and the Seine River Company shall upon the furnishing of such evidence be and be deemed to have been released from all further obligations or liability under this agreement, and the Company shall thereupon succeed to all the rights and obligations of the Seine River Company under this agreement and where the context permits reference to the Seine River Company herein shall be construed as if the Company alone were named, and the provisions of this agreement shall be deemed to have been amended accordingly; The Commission hereby consents, upon such conveyance and transfer being made, to the surrender of the charter or other dissolution of the Seine River Company, and further agrees with the Company to furnish such additional consent or release of the Seine River Company as the Company may require for the purposes aforesaid.

25. As further consideration for the entering into of this agreement by the Company and in order to assure to the Company full reimbursement of all loss, costs, damages and expenses which the Company may incur or suffer by reason of the Seine diversion arising out of taxes, assessments, levies or charges as hereinafter referred to, the Commission agrees from time to time to pay to the Company on demand without right of reimbursement such sum or sums as may be equal to any and all present or future taxes (including sales taxes), assessments, levies or charges, governmental, municipal or otherwise, which may be imposed on or become payable by the Company, or which may be imposed on or become payable by the Commission and / or others, and become payable by the Company or which would otherwise increase the burden of the Company in respect of its requirements for replacement power hereunder; and which would not have been imposed on or become payable by the Company or otherwise have increased the burden of the Company in respect of the receipt by it of replacement power, if it had been generating such power for its own use by means of a plant wholly owned and operated by it;

The foregoing shall not apply or relate to the supply of supplementary power and / or excess energy:

26. The delivery of replacement power hereunder when commenced shall be continuous until March 31, 1989, or until the rights of the Lessee as from time to time renewed under said water power lease No. 28 shall have expired or until the Moose Lake plant shall be restored to operation pursuant to the provisions of clause 28 hereof or so long as the Company or any successor or transferee thereof shall require such power for its use or that of others, whichever shall be the earliest date; provided that the Commission shall be relieved of its obligation to furnish power hereunder if and when the Commission shall give notice to the Company, or to any successor or transferee thereof who may at the time be the owner of the said Seine River properties directing and requesting that the Moose Lake plant be restored to operation and the Commission shall have fully complied with its obligations under the provisions of clause 5.

27. In the event that the Commission shall give the notice referred to in clause 26 hereof, it shall be obligated, at its own cost and expense, to hold harmless, defend and protect the corporation or person to whom such notice is given against any and all claims and / or suits of every character by whomsoever asserted on account of the flowing of water pursuant to said notice through the Moose Lake plant into Steep Rock Lake and upon properties affected thereby, or on account of the reduction in or discontinuance of the flow of water through the Seine diversion, occasioned thereby, and against all loss, costs, damages and expenses arising from such claims and suits; and shall forthwith remove or cause to be removed, without cost or expense to the Company or to its successors or assigns, any obstruction or works which may have been placed in Steep Rock Lake or at its outlet in connection with the dewatering of said lake or with mining operations therein which affect the restoration of the normal flow of Seine River waters through said lake.

28. The Company agrees that upon receipt of the notice referred to in clause 26 hereof it will forthwith cause the Moose Lake plant to be restored to operation, or in the event it shall be restrained from so doing by Court or Governmental order it will, upon such restriction being removed, forthwith cause the Moose Lake plant to be restored to operation.

29. Wherever in this agreement it is provided that notice may be given by either party to the other, such notice shall be in writing, shall be signed by the party giving such notice, and if such party is a corporation, by an officer thereof, and shall be deemed given to the party to whom such notice is directed when delivered at the address of such party given below, and a copy thereof shall have been forwarded by registered mail addressed to the party to whom such notice is directed; Until otherwise directed by the respective parties, notices to the Company or to the Seine River Company shall be addressed as follows:

The Ontario-Minnesota Pulp and Paper Company, Limited,
1100 Builders Exchange Building,
Minneapolis, Minnesota.

and notices to the Commission shall be addressed as follows:

The Hydro-Electric Power Commission of Ontario,
620 University Avenue,
Toronto, Ontario.

provided that the provisions of the within clause shall not apply to the notice referred to in clauses 15 (h) and 16 (d) hereof.

30. The Commission agrees that, so long as the operation of the Moose Lake plant shall be suspended under the terms of the within agreement, the Company, or any corporation or person succeeding to its ownership of the Seine River properties, shall have the continued right to operate and control the gates of the Seine Diversion, and thereafter until the normal balanced flow of the Seine River through Steep Rock Lake is restored shall together with the Commission have joint control of such gates; such operation and control to be at the sole expense of the Company, or of its successor or transferee, but with the obligation on the Commission to maintain or cause to be maintained the said gates and the control works and water passages of the Seine Diversion during the period within which the operation of the Moose Lake plant shall be suspended hereunder. At the expiration of the aforesaid period of joint control the Commission shall cause the Seine Diversion to be permanently closed against the discharge through said Seine Diversion of the waters of Moose Lake;

The Commission agrees that at all times during the period when the normal waterflow in the Seine River is being restored it will co-operate with the Company and the Seine River Company to prevent to the greatest extent possible interference with the output of the said Seine River properties:

31. This agreement shall not become binding upon the parties unless and until an Act of the Legislature of the Province of Ontario shall be passed at the present session of the Legislature confirming and validating this agreement and certain other agreements of even date, short particulars of which are as follows:

(a) Contract between The Hydro-Electric Power Commission of Ontario and Steep Rock Iron Mines, Limited, dated the 10th day of April, 1942, relating to the supply of power to Steep Rock Iron Mines, Limited, and other matters as therein provided;

(b) Contract between The Hydro-Electric Power Commission of Ontario and Steep Rock Iron Mines, Limited, dated the 10th day of April, 1942, relating to the construction of a power transmission line, the furnishing of security by Steep Rock Iron Mines, Limited, to The Hydro-Electric Power Commission of Ontario, and other matters as therein provided;

(c) Contract between Steep Rock Iron Mines, Limited, and Ontario-Minnesota Pulp and Paper Company, Limited, and The Seine River Improvement Company, Limited, dated the 10th day of April, 1942, relating to certain obligations undertaken by Steep Rock Iron Mines, Limited, and other matters as therein provided;

—and given Royal Assent, whereupon this agreement shall be binding and shall have effect in accordance with its terms.

Provided that when this agreement shall have become binding in accordance with the foregoing provision it shall remain in force for the period during which the Commission is required to deliver power under the provisions hereof:

32. This agreement shall extend to, be binding upon and enure to the benefit of the parties hereto and their successors and assigns respectively:

In Witness Whereof the parties hereto have caused this agreement to be executed, attested by the affixing of their corporate seals and by the signatures of their proper officers.

THE HYDRO-ELECTRIC POWER COMMISSION
OF ONTARIO
T. H. Hogg,
*Chairman.*
(Seal)
Osborne Mitchell,
*Secretary.*

THE ONTARIO-MINNESOTA PULP AND PAPER
COMPANY, LIMITED
R. H. M. Robinson,
*President.*
(Seal)
R. D. Main,
*Secretary.*

THE SEINE RIVER IMPROVEMENT COMPANY,
LIMITED
R. H. M. Robinson,
*President.*
(Seal)
R. D. Main,
*Secretary.*

## SCHEDULE B

### to An Act respecting The Hydro-Electric Power Commission of Ontario, Steep Rock Iron Mines Limited and The Ontario-Minnesota Pulp and Paper Company Limited.

THIS AGREEMENT made in duplicate this 10th day of April, A.D. 1942;

BETWEEN:

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO,
hereinafter called the "Commission"

OF THE FIRST PART,

—and—

STEEP ROCK IRON MINES LIMITED, hereinafter called the "Customer"

OF THE SECOND PART.

WHEREAS the Commission acting under *The Power Commission Act*, R.S.O. 1937, Chapter 62, and amendments thereto, is willing to enter into an agreement for the supply of electrical power on the terms and conditions herein contained, the said agreement to be known as the Steep Rock Power Agreement;

AND WHEREAS the Customer has applied to the Commission for a supply of electrical power under the said Act and amendments thereto;

AND WHEREAS the Customer is duly incorporated under the laws of the Province of Ontario and proposes to carry on the business of mining and metallurgy with mining properties in the vicinity of Steep Rock Lake, in the District of Rainy River, with head office at Toronto;

AND WHEREAS for the purpose of enabling its said mining operations to be conducted the Customer proposes to dewater Steep Rock Lake and for that purpose will require power which is hereinafter referred to as "Development Power", in addition to power required for mining operations which is hereinafter referred to as "Operation Power";

NOW THEREFORE THIS AGREEMENT WITNESSETH that for the considerations herein contained the parties hereto covenant, promise and agree as follows:—

1. THE COMMISSION AGREES:

(a) To reserve for and deliver to the Customer six thousand horsepower (6,000 h.p.) of Development Power under the conditions and at the point of delivery herein specified when the Customer's preliminary development operations have progressed to such extent that the normal waterflow in the Seine River Watershed has been interfered with thereby, which said date is called the "Commencement Date" and is tentatively fixed as July 1st, 1943, and continuing until entirely eliminated under the provisions of clause 3;

1. (b) To reserve for and deliver to the Customer under the same conditions and at the same point of delivery three thousand horsepower (3,000 h.p.) of Operation Power commencing when the Customer begins its mining operations at the said mining properties, which date is tentatively fixed as July 1st, 1944, and continuing while this agreement remains in force, which shall be the limit of amount until increased as hereinafter provided;

1. (c) To reserve for and deliver to the Customer under the same conditions and at the same point of delivery additional Operation Power up to two thousand horsepower (2,000 h.p.) more in blocks of fifty horsepower (50 h.p.) each, or multiples thereof, on the expiration of thirty (30) days after request in writing therefor, until a total amount of five thousand horsepower (5,000 h.p.) of Operation Power shall have been reached which shall be the maximum of Operation Power under this agreement;

1. (d) Notwithstanding the foregoing the Commission shall not be obliged to reserve for the Customer at any time a total of Development Power and Operation Power exceeding nine thousand horsepower (9,000 h.p.), it being the understanding between the parties that as the completion of the Customer's development work progresses it will reduce its requirements of Development Power under the provisions of clause 3, and that at some stage of the development work it will have commenced its mining operations, thereby making its requirements of Development Power and Operation Power concurrent, for a time, but the Development Power subsequently decreasing and Operation Power increasing:

2. THE COMMISSION AGREES:

(a) To deliver power at the point of delivery herein defined as the one hundred and ten thousand volt (110,000 V) bus in the Commission's Port Arthur Transformer Station at or near the City of Port Arthur in the Province of Ontario;

2. (b) To deliver commercially continuous twenty-four (24) hour power every day in the year except as provided for in this agreement;

2. (c) To use at all times first-class, suitable standard commercial apparatus and plant, and to exercise all due skill and diligence so that the service rendered to the Customer shall be in accordance with appropriate commercial standards:

3. If in any month after the Customer shall have ceased to take Development Power by reducing such Development Power in accordance with the provisions hereinafter written the Customer takes power so that the average or integrated demand for any ten consecutive minutes is in excess of the limit of Operation Power then in force, the taking of such excess, except to the extent that such taking is due exclusively to inadvertence, accident or any other cause beyond the control of the Customer, shall thereafter constitute an obligation on the part of the Customer to pay for and on the part of the Commission to hold in reserve and deliver Operation Power increased by such excess to the extent if any allowed by the Commission, all in accordance with the terms and conditions of this agreement thereby establishing a new limit of Operation Power, but in no case shall the whole amount of such Operation Power including the said increase, exceed the maximum of Operation Power under this agreement; in any event the Customer shall pay for power during the said month as if such excess, whether or not beyond the said maximum of Operation Power had been taken for the whole month;

The Customer shall reduce the amount of Development Power which the Commission is obliged to hold in reserve and deliver to it according as its necessary requirements of Development Power are decreased as the work progresses, by delivering to the Commission notice in writing one month or more prior to the date that such reduction is to come into effect, and in any event shall be deemed to have reduced its taking of Development Power to zero not later than two (2) years from the Commencement Date. All power taken by the Customer thereafter shall be deemed to be Operation Power, provided however that the Commission shall not be obliged to reserve for and / or deliver to the Customer at any time more than the said maximum amount of Operation Power specified in clause 1 (c).

4. All power delivered under this agreement shall be alternating, three-phase, having a frequency of approximately sixty (60) cycles per second and a nominal voltage of approximately one hundred and ten thousand (110,000) volts subject to ordinary variations from the said voltage of approximately ten per cent (10%) and from the said frequency of approximately five per cent (5%);

For the purpose of this agreement the word "power" shall mean electrical power and unless the context requires a different meaning shall also mean and include "energy";

One horsepower shall be equivalent to seven hundred and forty-six watts (746 w.).

5. THE CUSTOMER AGREES:

(a) To make all payments to be made to the Commission under this agreement in lawful money of Canada, at Toronto, and to pay in monthly payments to the Commission on the twentieth day of each month of the calendar for the accrual of the preceding month of the calendar when the Commission shall have rendered the bill therefor on or before the tenth day, or if the bill be rendered after the tenth day, then ten (10) days after the date of rendering; provided that all payments in arrears after the said dates for payment shall bear interest at the rate of five per cent (5%) per annum; provided, further, that if any bill remains unpaid for thirty (30) days after the date of receipt thereof the Commission may, in addition to all other remedies and without notice, discontinue the supply of power to the Customer until the said bill is paid and no such discontinuance by the Commission shall relieve the Customer from the performance of the covenants, provisoes and conditions herein contained;

5. (b) If in any month power is taken in such manner that eighty-five per cent (85%) of the maximum kilovolt amperes as determined at the point of measurement is greater than the maximum kilowatts as determined at the same point, then for that month eighty-five per cent (85%) of the said maximum kilovolt amperes shall for the purposes of billing be considered to be the true kilowatts. For the purpose of this clause the maximum in kilovolt amperes and in kilowatts shall each be the maximum average or integrated demand in any ten (10) consecutive minutes in the month."

5. (c) To pay to the Commission in monthly payments according to the following schedule of horsepower rates, namely,—

Nineteen Dollars ($19.00) per horsepower per annum;

all based on the maximum ten (10) minute integrated demand and eighty-five per cent (85%) minimum power factor as provided in this agreement, which shall be applied as if the maximum ten (10) minute integrated demand corrected for eighty-five per cent (85%) minimum power factor had been taken for the whole month, subject always to the minimum in this agreement provided; provided that the amount in horsepower each month determined from the said maximum ten (10) minute integrated demand corrected for the said minimum power factor shall be the horsepower demand for the month;

In addition to payment at the said horsepower rate to pay to the Commission in monthly payments at the rate of three decimal five (3.5) mills which is seven-twentieths (7 20ths) of a cent per kilowatt-hour for all energy taken in excess of the energy equivalent to the amount of power for which the Customer is paying at a monthly load factor of eighty-five per cent (85%):

5. (d) After the Customer has ceased to take Development Power hereunder, and is taking, or is deemed to be taking Operation Power only to pay to the Commission for each month as a minimum for seventy-five per cent (75%) of the greatest amount of power held in reserve for the Customer during any previous month after the Customer shall have ceased to take Development Power, except during the first month after such cessation during which said month the minimum shall be seventy-five per cent (75%) of the amount of power reserved for the Customer during such month, provided however that in any event the Customer shall pay to the Commission for each month as a minimum for two thousand, two hundred and fifty horsepower (2,250 h.p.) all subject to clause 8.

6. THE CUSTOMER AGREES:

(a) To take the power covered by this agreement in accordance with the terms hereof and to prepare for the receipt and use of the said power so as to be able to receive power on the Commencement Date.

6. (b) To take power exclusively from the Commission during the continuance of this agreement and not to sell or dispose of the said power or any part thereof directly or indirectly, without the written consent of the Commission; and not to use the said power hereunder for electric steam boiler operation or for the heating of buildings;

6. (c) At all times to take and use the power in such manner that the ratio of the kilowatts to the kilovolt amperes (read simultaneously) is as near unity as practicable;

6. (d) At all times to take and use the electrical power in such manner that the current will be taken from the three phases equally as nearly as practicable and in any event with the difference between any two phases not greater than five per cent (5%); Provided that if at any time the difference between any two phases should exceed the said five per cent (5%) or if the said difference be increasing so that it is likely to do so the Customer upon instructions from the Commission shall so adjust the Customer's load as to comply with this requirement;

6. (e) To provide a suitable transformer station; before starting construction to obtain Commission approval of such plans, drawings and specifications thereof as the Commission may require, and to supply all other electrical apparatus, equipment and works from the point of delivery, all subject to the approval of the Commission, and to construct, install, maintain and operate the said station and all other electrical apparatus, equipment and works in a manner satisfactory to the Commission;

PROVIDED that the Commission shall not be obliged to deliver power under this agreement until its approval has been obtained under the requirements of this clause but such approval shall not be unreasonably withheld or delayed;

6. (f) To use at all times suitable standard commercial machinery, plant and works in addition to the said electrical works and to operate and maintain the said machinery, plant and works so as to cause minimum disturbance to or fluctuation in the Commission's power supply or system and to exercise all due skill and diligence so as to secure the satisfactory operation of the machinery, plant and works of the Customer along with the power supply and system of the Commission:

7. (a) Measurement of all power and energy under this agreement shall be made by means of suitable polyphase recording meters; the measuring equipment including meters, current and potential transformers and other equipment shall be so arranged as to measure and record the said power and energy with commercial accuracy and shall be provided, installed and maintained commercially correct by the Commission;

7. (b) The greatest average or integrated amount of power delivered to or taken by the Customer for any ten (10) consecutive minutes in any month determined from coincident readings of the said meters, subject to power factor correction, shall be the horsepower demand and a basis for determining the quantity of power delivered to or taken by the Customer in the said month;

7. (c) The point of measurement of the power covered by this agreement shall be at the terminus of the Customer's one hundred and ten thousand volt (110,000 V) transmission line in or immediately adjacent to the existing Moose Lake Plant of The Seine River Improvement Company Limited;

7. (d) Should such measuring equipment be connected at other than the point of measurement then the readings of such measuring equipment shall be subject to a correction or adjustment to give readings such as would have been obtained if said measuring equipment had been connected at the said point of measurement; but when connected at the point of measurement shall not be subject to correction because of being connected at other than the point of delivery, it being understood that this correction has been provided for in establishing the rate specified in clause 5 (c);

7. (e) The records from the said meters shall be taken and recorded by the Customer on forms supplied or approved by the Commission and when and as directed by the Commission; these records shall be dated and forwarded promptly by the Customer to the Commission and such records on file with the Commission shall be available to the Customer at all reasonable times for inspection and information;

7. (f) The Customer shall if necessary provide free of charge a safe and suitable location, to be approved by the Commission on the premises of the Customer, for the installation of the Commission's measuring equipment and no rental or other charge or claim shall be made to the

Commission for the location of the said measuring equipment on the Customer's premises. If relocation of the said measuring equipment shall at any time or times during the term of this agreement become necessary the Customer shall bear the cost and expense thereof;

7. (g) The Commission may test, calibrate, adjust, remove or change said measuring equipment or any part thereof at any reasonable time, but when possible the Customer shall be advised at least three (3) days in advance of the Commission's intention so to do;

7. (h) The Customer shall have the right to test any such measuring equipment in the presence of a representative of the Commission by giving to the Commission seven (7) days' previous notice in writing of the Customer's desire to test such measuring equipment;

7. (i) The Commission shall repair or replace and retest defective meters or other measuring equipment within a reasonable time; and if at any time there is no meter in service it shall be assumed that the power consumed is the same as for other days in the same month during which a similar load existed;

7. (j) Access to any measuring equipment and to any apparatus, equipment and works belonging to the Commission and on the property of the Customer shall be free to the representatives of the Commission at any and all times for the purpose of inspection, operation, test, adjustment, repair, alteration, reconstruction and / or removal, and the said representatives may do any of these things;

7. (k) The kilowatts, kilowatt-hours, kilovolt amperes and all other factors and quantities shall be determined directly or indirectly from measuring equipment provided for in this clause 7, and electrical standards as determined by The National Research Council shall be used as final reference in determining the accuracy of measuring equipment: except that in the event of The National Research Council having no facilities available for calibration of any part or parts thereof, then the Commission's standards shall be used as final reference in determining the accuracy of all such part or parts:

8. (a) The maintenance by the Commission of approximately the agreed voltage at approximately the agreed frequency, at the point of delivery shall constitute the supply of power involved herein and a fulfilment of all the operating obligations of the Commission under this agreement, and when the voltage and the frequency are maintained within the limits provided in clause 4, the amount of power, its fluctuations, load factor, power factor, distribution as to phases and all other characteristics and qualities at the point of measurement are under the sole control of the Customer and the Customer's agents, apparatus, equipment and works;

8. (b) In case the Commission shall at any time or times be prevented from delivering said power or any part thereof by any cause reasonably beyond the Commission's control including without limiting the generality thereof, strike, lockout, riot, fire, insurrection, hurricane, civil commotion, flood, invasion, explosion, the King's enemies and act of God, then the Commission shall not be bound to deliver power during such time and the Customer shall be allowed an adjustment in payment for power as hereinafter provided, but the Customer shall not otherwise be released from any obligation under this agreement; the Commission shall be prompt and diligent in removing the cause of such interruption and as soon as the cause of such interruption is removed the Commission shall without delay deliver power and the Customer shall take and pay for the same all in accordance with this agreement;

8. (c) The Commission shall have the right at all reasonable times, and when possible, after reasonable notice has been given to the Customer, to discontinue to the extent deemed necessary by the Commission, the supply of power to the Customer for the purpose of safeguarding life or property or for the purpose of operation, maintenance, replacement or extension of the apparatus, equipment or works necessary for the delivery of power hereunder but all such interruptions shall be of minimum duration and when possible arranged for at a time least objectionable to the Customer; the Customer shall be allowed an adjustment in payment for power as hereinafter provided, but the Customer shall not otherwise be released from any obligation under this agreement;

For interruptions under this subclause or under the preceding subclause dealing with causes reasonably beyond the Commission's control, the adjustment in payment for power to be allowed to the Customer shall be determined as follows:—(a) for total interruptions the amount used as basis shall be the amount of the horsepower demand for that month on which the Customer would otherwise be required to pay; (b) for partial interruptions the amount used as basis shall be the amount of the said horsepower demand less the average amount in horsepower of power taken by the Customer during the interruption; in every case the amount of horsepower to be used for adjustment shall be the amount used as basis averaged over the whole month in the ratio of the length of time of the interruption to the total time in the month; provided that no adjustment shall be allowed in respect of any interruption lasting less than three minutes when the aggregate time of all interruptions in any month does not exceed a total of twenty (20) minutes or in respect of interruptions occurring within a period in which the Customer is not using power for operation;

8. (d) If the Customer at any time fails in the performance of any of its obligations affecting electrical operation under this agreement including, without limiting the generality of the foregoing, taking power in excess of the maximum under this agreement or of the limit of amount of Operation Power then in force, or failing to operate as required in this agreement, then the Commission may give notice thereof to the Customer, which notice may be given by telephone to an

employee of the Customer by a representative of the Commission and the Customer shall immediately remedy the said failure; in case of continued failure for more than fifteen (15) minutes after notice, then the Commission may discontinue delivery to the Customer of all power or of any part thereof and shall not be obliged to resume delivery to the Customer until the Customer shall have given to the Commission sufficient assurance that such failure will not recur; in such case the Customer shall not be entitled to any allowance for power not delivered nor be relieved of any obligation under this agreement; the Customer shall forthwith designate in writing to the Commission to what employee the said notice under this subclause 8 (d) is to be given, and in default of such designation or in the event of the said employee not being immediately available to receive such notice the said notice may be given by telephone or otherwise to any other employee of the Customer:

9. The Customer hereby grants to the Commission the right and wayleave or easement to use at all times free of cost or rent so much of the Customer's lands as may be necessary or expedient to the Commission for the supply of power to the Customer, and for the measurement thereof and / or other purposes of this agreement, all during the period this agreement remains in force and thereafter until niney (90) days' written notice from the Customer to remove the Commission's works shall have been given and shall have expired; if at any time or times the Commission shall be required by the Customer to change the location of any of the said works or equipment, the Customer shall provide another suitable location therefor and the Customer shall pay the cost of such change of location.

10. One or more representatives or engineers of the Commission appointed for this purpose may at any reasonable time during the continuance of this agreement, have access to the premises of the Customer for the purpose of inspecting the electrical works and property of the Customer and of taking records therefrom as required and may do any of these things:

11. The Customer shall assume all risk of and liability for and be responsible for (a) any and all injury, damage and loss to property of the Commission on the premises of the Customer to the extent that the same is due to the neglect or default of the Customer, its servants or agents, and (b) any and all injury, damage and loss to property of the Customer or to any other property on the said premises or to any person or persons (including loss of life) on the said premises, other than employees of the Commission, which shall have been due to power under this agreement or due to the said Commission property, save to the extent that same shall have been due to the negligence or default of the Commission, its servants or agents; the Customer shall indemnify the Commission and save it harmless from all such injury, damage or loss and all actions, suits, claims, costs, charges and expenses in connection therewith:

12. The Commission shall be entitled at any time prior to the expiration of ninety (90) days' notice in writing from the Customer delivered after the termination of this agreement and the last extension thereof to remove from the premises of the Customer, any and all apparatus, equipment and works which may have been installed by the Commission under or in connection with this agreement:

13. If after termination of this agreement power be taken by the Customer from the Commission without a new agreement, such power shall be delivered, taken and paid for in accordance with the provisions set out in this agreement but only on the following conditions; such delivery shall not be deemed to renew or extend this agreement or to give the Customer any claim or right to power or to place any obligation or liability on the Commission and the Commission may discontinue delivery of such power at any time without notice, and the Commission shall be under no obligation or liability to the Customer:

14. Any waiver by the Commission or the Customer or either of them or failure by either of them to exercise their respective rights or enforce their respective remedies shall be limited to the particular instance and shall not operate or be deemed to waive any other right or remedy or extend to any other matter under this agreement or in any other way affect the validity of this agreement; the exercise by the Commission or the Customer of any remedy provided in this agreement shall not prevent or estop the Commission or the Customer respectively from pursuing any other remedy it may have and all the respective rights and remedies of the Commission and the Customer may be exercised and continued concurrently or separately:

15. This agreement shall extend to, be binding upon and enure to the benefit of the Commission and the Customer and their successors and assigns respectively:

16. In case of any dispute arising between the parties hereto relative to the fulfilment of any of the terms, provisoes or conditions of this agreement, or as to the method or accuracy of the measurement of power or any other question which may arise under this agreement, the same shall be immediately referred to arbitration under *The Arbitration Act* of the Province of Ontario, and shall be determined in accordance with the laws of the Province of Ontario, and the findings of the arbitrator or arbitrators so appointed shall be final and binding upon both parties hereto, except that either party may appeal from, move to set aside, vary or refer back an award of the arbitrators and may proceed therein to the Supreme Court of Canada and the Privy Council, or either of them:

17. If the Customer fails at any time in the performance of any obligation under this agreement the Commission without terminating the agreement may without notice and without liability therefor discontinue delivery of power to the Customer, but no such discontinuance

shall relieve the Customer from any obligation under this agreement or lessen or change any of the Customer's obligations; the Commission shall not be obliged to resume delivery of power to the Customer until the Customer shall have given to the Commission sufficient assurance that such failure will not recur; and if the Customer continues in default in the performance of such obligation under this agreement the Commission may at its option mail postage prepaid to the Customer at the last known address of its head office a notice that unless the said obligation is completely fulfilled within five (5) days after the mailing of the said notice the contract will be deemed terminated; if after mailing of the said notice the Customer continues in default in respect of the said obligation beyond the said period specified in the said notice for fulfilment of its obligation this agreement shall thereupon terminate:

18. This agreement shall not become binding upon the parties unless and until an Act of the Legislature of the Province of Ontario shall be passed at the present session of the Legislature confirming and validating this agreement and certain other agreements of even date, short particulars of which are as follows:

(a) contract between The Hydro-Electric Power Commission of Ontario and The Ontario-Minnesota Pulp and Paper Company Limited and The Seine River Improvement Company Limited dated the 10th day of April, 1942, relating to the supply of power to The Ontario-Minnesota Pulp and Paper Company Limited and other matters as therein provided;

(b) contract between The Steep Rock Iron Mines Limited and The Ontario-Minnesota Pulp and Paper Company Limited and The Seine River Improvement Company, Limited, dated the 10th day of April, 1942, relating to certain obligations undertaken by Steep Rock Iron Mines, Limited, and other matters as therein provided;

(c) contract between The Hydro-Electric Power Commission of Ontario and Steep Rock Iron Mines Limited dated the 10th day of April, 1942, relating to the construction of a power transmission line, the furnishing of security by Steep Rock Iron Mines Limited to The Hydro-Electric Power Commission of Ontario and other matters as therein provided;

and given Royal Assent, whereupon this agreement shall become binding and shall have effect in accordance with its terms.

Provided that when this agreement has become binding in accordance with the foregoing it shall continue in force for the mining life of the mining properties to which power shall at any time have been supplied under this agreement; provided, however, that the Commission may terminate it at the end of the period of ten (10) years from the commencement date or at any subsequent date by six months or more previous notice in writing:

19. The Customer shall furnish to and deposit with the Commission security satisfactory to the Commission for the complete performance of this agreement by the Customer and shall at all times maintain the same in full force and effect so long as this agreement continues in force; such security may be in the form of a surety bond executed by the Customer and by a surety company satisfactory to the Commission or in the form of cash deposit or bonds satisfactory to the Commission; in the case of bonds as last mentioned, the Customer when not in default hereunder shall be entitled to the interest and interest coupons on the said bonds; if at any time the security deposited with the Commission shall become unsatisfactory to the Commission, the Customer upon request by the Commission shall promptly deposit security that is satisfactory to the Commission; the Customer, when not in default under this agreement, shall have the right at any time to change the security deposited with the Commission by substitution of surety bond, cash or bonds satisfactory to the Commission as aforesaid; upon any failure by the Customer to provide or maintain security as aforesaid the Commission shall not be obliged to reserve for or deliver any power to the Customer or having commenced shall not be obliged to continue; the amount of the security shall in the first instance be Twenty-five Thousand Dollars ($25,000.00), but shall be varied from time to time in accordance with the Customer's obligation to pay for power hereunder; Security under this clause shall be for the purposes of this clause only and shall not relate in any manner to security given by the Customer to the Commission under any other agreement between the Commission and the Customer:

In Witness Whereof the Commission and the Customer have caused this agreement to be executed, attested by the affixing of their corporate seals and by the signatures of their proper officers duly authorized thereto.

THE HYDRO-ELECTRIC POWER COMMISSION
OF ONTARIO
T. H. Hogg,
*Chairman.*
(Seal)
Osborne Mitchell,
*Secretary.*
STEEP ROCK IRON MINES LIMITED
D. M. Hogarth,
*President.*
G. G. Blackstock,
*Secretary-Treasurer.*

(Seal)

## SCHEDULE C

### to An Act respecting The Hydro-Electric Power Commission of Ontario, Steep Rock Iron Mines Limited and The Ontario-Minnesota Pulp and Paper Company Limited.

THIS AGREEMENT made in duplicate the 10th day of April, A.D. 1942, to be known as the Supplementary Agreement:

BETWEEN:

STEEP ROCK IRON MINES, LIMITED, hereinafter called the "Company"

OF THE FIRST PART,

—and—

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO, hereinafter called the "Commission"

OF THE SECOND PART.

WHEREAS by an Indenture of even date the parties hereto agreed for a supply of electric power and energy by the Commission to the Company at the Company's plant at its mining properties in the vicinity of Steep Rock Lake in the District of Rainy River, hereinafter called "The Steep Rock Power Agreement";

AND WHEREAS for the purpose of developing and operating its mining properties the Company proposes to dewater Steep Rock Lake and divert and interfere with the natural flow in the Seine River watershed, the said diversion and interference being hereinafter referred to as the "Seine Diversion";

AND WHEREAS the said Seine Diversion will render it impracticable for the Seine River Improvement Company Limited, a wholly owned subsidiary of The Ontario-Minnesota Pulp and Paper Company, Limited, to operate a power development and power plant which the Seine River Improvement Company, Limited, has constructed at the head of Steep Rock Lake in the said District of Rainy River which is hereinafter referred to as the Moose Lake plant, and the Commission has at the request of the Company, by an agreement of even date, hereinafter called the "Replacement Power Agreement", agreed to supply power to the said Ontario-Minnesota Pulp and Paper Company, Limited, to replace the power which the Seine River Improvement Company, Limited, has been developing and would otherwise develop at its said Moose Lake plant for the purposes of The Ontario-Minnesota Pulp and Paper Company, Limited, the amount of such power being ten thousand five hundred horsepower (10,500 h.p.) subject to variation as appears in the said Replacement Power Agreement; and also in another eventuality to supply additional power called Supplementary Power, as therein set forth;

AND WHEREAS in the event that the Company should make default in its obligations hereunder, the Commission might still be obliged to furnish power to The Ontario-Minnesota Pulp and Paper Company, Limited, under the said Replacement Power Agreement; and whereas it has been agreed by the Company and The Ontario-Minnesota Pulp and Paper Company, Limited, and the Seine River Improvement Company, Limited, that the said plant should be maintained in such manner that it may be restored to operation again should the natural waterflow in the Seine River through Steep Rock Lake be restored, and it has been agreed by The Ontario-Minnesota Pulp and Paper Company, Limited, with the Commission that upon restoration of the said natural waterflow the Commission shall be relieved from its obligation to supply power to The Ontario-Minnesota Pulp and Paper Company, Limited, at its said plant, and it is therefore expedient that the Commission should be enabled of its own accord to restore the said natural waterflow in the event of the Company making default in its obligations to the Commission under the said power agreement or hereunder;

AND WHEREAS in order that the Commission may make delivery of power to the said Company under the Steep Rock Power Agreement and make delivery of power to Ontario-Minnesota Pulp and Paper Company, Limited, under the said Replacement Power Agreement it is necessary that a transmission line be constructed from the Commission's Port Arthur Transformer Station, at or near the City of Port Arthur in the Province of Ontario, to the said Moose Lake plant, and certain terminal facilities at the said Port Arthur Transformer Station and Moose Lake plant be installed, and it has been agreed that the said line and terminal facilities should be constructed and operated as hereinafter set forth;

AND WHEREAS it is hereinafter agreed that ownership of the said transmission line after construction thereof shall be vested in the Company; and whereas it is expedient that in order to fulfil its obligations in respect of the delivery of power under the said Replacement Power Agreement the Commission should be able to use the said transmission line;

AND WHEREAS the Company has agreed to pay to the Commission from time to time and at all times during the continuance of these presents all power bills properly rendered to it by the Commission for replacement power under the said Replacement Power Agreement at the rate of nineteen dollars ($19.00) per horsepower per annum:

NOW THEREFORE THIS INDENTURE WITNESSETH that in consideration of the premises and the agreement by the Commission to supply replacement power to The Ontario-Minnesota Pulp and Paper Company, Limited, which the Company would otherwise be obliged to supply, or make arrangements in respect thereof and for the other considerations herein contained, the Parties hereto covenant, promise and agree each with the other as follows:—

1. THE COMPANY AGREES:

That it will from time to time and at all times during the continuance of these presents whenever bills are properly rendered to it by the Commission, and within twenty (20) days from the date of receipt thereof pay to the Commission for all replacement power supplied to The Ontario-Minnesota Pulp and Paper Company, Limited, under the Replacement Power Agreement at the rate of nineteen dollars ($19.00) per horsepower per annum, the amount of such power being calculated according to the provisions of the said Replacement Power Agreement and also all monies and cost which the Commission shall have been required to pay or incur under clauses 25, 27 and 30 of the said Replacement Power Agreement:

2. THE COMPANY AGREES:

That if at any time it makes default in respect of its agreements, covenants, premises or obligations contained in the Steep Rock Power Agreement made by it with the Commission or contained in these presents, and such default continues for a period of one month after the Commission shall have given notice to the Company requiring that such default be remedied on or before a date specified in the said notice the Commission may and the Company hereby grants to the Commission the right to restore the normal waterflow in the said Seine River through Steep Rock Lake and to enter upon the Company's lands and premises for that purpose and remove and/or destroy such of the Company's works and properties as may be necessary for that purpose and/or to construct such works and perform such operations upon the Company's lands and premises as are necessary for that purpose, and the Company agrees that it will make no claim or demand against the Commission in respect of anything relating to or arising therefrom, and will indemnify and save harmless the Commission from all claims and demands of other persons arising therefrom;

The Company will obtain such title to such lands as is necessary to enable the Commission to effect the restoration of the said normal waterflow and will continue to hold such title during the full term of this agreement:

3. It is agreed that the Commission shall construct for the Company a suitable transmission line and provide a right of way therefor from the Commission's said Port Arthur Transformer Station to the said Moose Lake plant in order to facilitate the transmission of power from its said transformer station to the Company's mining properties at Steep Rock and the delivery of power under the said Replacement Power Agreement; and the Company will pay to the Commission the total cost and expense thereof and permit the Commission to use it free of charge for delivery of replacement power under the said Replacement Power Agreement; During the term of this agreement the Company will also permit the Commission at all times to use the said line for supplying power to customers other than the Company and for the supply of power other than replacement power to The Ontario-Minnesota Pulp and Paper Company, Limited, in consideration of payment to it by the Commission of the following rentals, viz.:

(a) For the first one thousand horsepower (1,000 h.p.) of power supplied to The Ontario-Minnesota Pulp and Paper Company, Limited, in addition to the replacement power required to be supplied under the Replacement Power Agreement there shall be no rental;

(b) For all further power supplied to The Ontario-Minnesota Pulp and Paper Company, Limited, in excess of the said one thousand horsepower (1,000 h.p.), not being replacement power, and for all power supplied to customers of the Commission other than The Ontario-Minnesota Pulp and Paper Company, Limited, in the vicinity of Steep Rock Iron Mine at an annual rental calculated at the rate of four dollars and forty cents ($4.40) per horsepower;

The ownership of the said transmission line and right-of-way shall vest in the Company:

4. It is agreed that the Commission will purchase and install all terminal equipment such as relays, switching, lightning protection and synchronous condensers necessary or convenient to enable power to be delivered to the Company and under the Replacement Power Agreement to The Ontario-Minnesota Pulp and Paper Company, Limited, and to enable the power plants of the Seine River Improvement Company, Limited, at Fort Frances, Calm Lake and Sturgeon Falls to be operated in parallel with the Commission's system and equipment to enable The Ontario-Minnesota Pulp and Paper Company, Limited, to receive and control power under the Replacement Power Agreement without interfering with the power operations of The Seine River Improvement Company, Limited, and/or the Company, and the Company will pay to the Commission the total cost and expense thereof:

Ownership of the said equipment referred to in the immediately preceding paragraph shall be vested in the Company:

It is agreed that if necessary to use the electric generators at present installed in the said Moose Lake plant as synchronous condensers, the Company will pay the total cost, expense and rentals involved therein.

5. The said transmission line and equipment shall be operated and maintained by the Commission or by the Commission's nominee, and the Company shall reimburse the Commission for the full cost of operation, maintenance and administration expenses incurred in respect thereof. Without limiting the generality of the foregoing the Company shall bear the expense of public liability and property damage and casualty insurance, also any additional insurance which the Company may instruct the Commission to place, or the Commission in its discretion shall procure, in respect of the maintenance and operation of the said line and terminal equipment, and Workmen's Compensation assessments and rates; the payment of the said cost shall be made monthly by the Company within twenty (20) days after receipt from the Commission of the bill therefor:

6. THE COMPANY AGREES:

That so long as the operations of the Moose Lake plant are suspended it will not permit or suffer any buildings or erections to be constructed or maintained within the basin of Steep Rock Lake except such buildings or erections as may be necessary for its own operations, and in particular will not permit the erection of any quarters or dwellings for staff or others, and that upon default by the Company under the said Steep Rock Power Agreement or hereunder the Company will within such time as shall be prescribed by the Commission remove or cause to be removed from the basin of Steep Rock Lake all buildings, machinery, equipment, plant and chattel property, and in default of such removal the Steep Rock Company shall assume all damage sustained by any such property so remaining upon the premises and shall also remove or cause to be removed any obstruction or works which may have been placed in Steep Rock Lake or at its outlet in connection with the dewatering of the said lake or with operations of the Company therein which would affect the restoration of the normal waterflow of the Seine River waters through the said lake and at the same time shall remove such protective works as may have been placed in Moose Lake or in the water passages leading to the Moose Lake plant if such removal shall be requested by the Commission:

7. The Company shall furnish to and deposit with the Commission security satisfactory to the Commission for the complete performance of this agreement by the Company and shall at all times maintain the same in full force and effect so long as this agreement continues in force; such security shall be in the form of a cash deposit or bonds of the Dominion of Canada or Province of Ontario. The Company when not in default shall be entitled to such Bank interest on cash deposited as security as the Commission procures for the same when on deposit and such interest on the Dominion of Canada bonds and/or on the Province of Ontario bonds as shall be paid thereon by the Dominion of Canada or the Province of Ontario respectively. The amount of such security shall be Six Hundred Thousand Dollars ($600,000.00).

8. THE COMPANY AGREES:

Without limiting the power or right of the Commission to resort to the security specified in clause 7 for complete performance of this agreement by the Commission, the Commission may have recourse to the said security to indemnify itself against and reimburse itself for any and all law costs to which it may be rendered liable by reason of any matter or thing arising from these presents, the said power agreement with the Company, any agreement relating to Replacement Power, and also in respect of all cost and expense which it may incur in respect of restoring the normal waterflow in the said Seine River through Steep Rock Lake:

9. This agreement shall not become binding upon the parties unless and until an Act of the Legislature of the Province of Ontario shall be passed at the present session of the Legislature confirming and validating this agreement and certain other agreements of even date, short particulars of which are as follows:

(a) contract between The Hydro-Electric Power Commission of Ontario and The Ontario-Minnesota Pulp and Paper Company, Limited, and The Seine River Improvement Company, Limited, dated the 10th day of April, 1942, relating to the supply of power to The Ontario-Minnesota Pulp and Paper Company, Limited, and other matters as therein provided;

(b) contract between The Hydro-Electric Power Commission of Ontario and Steep Rock Iron Mines, Limited, dated the 10th day of April, 1942, relating to the supply of power to Steep Rock Iron Mines, Limited, and other matters as therein provided;

(c) contract between Steep Rock Iron Mines, Limited, and The Ontario-Minnesota Pulp and Paper Company, Limited, and The Seine River Improvement Company, Limited, dated the 10th day of April, 1942, relating to certain obligations undertaken by Steep Rock Iron Mines, Limited, and other matters as therein provided;

and given Royal Assent, whereupon this agreement shall become binding and shall have effect in accordance with its terms.

Provided that when this agreement has become binding in accordance with the foregoing it shall continue in force until the termination of the said Steep Rock Power Agreement between the Company and the Commission and the Replacement Power Agreement, or whichever of the said two agreements continues in force for the longer period:

IN WITNESS WHEREOF the Company and the Commission have caused this agreement to be executed, attested by the affixing of their corporate seals and by the signatures of their proper officers duly authorized thereto.

STEEP ROCK IRON MINES, LIMITED
D. M. HOGARTH,
*President.*

(Seal)

G. G. BLACKSTOCK,
*Secretary-Treasurer.*

THE HYDRO-ELECTRIC POWER COMMISSION
OF ONTARIO
T. H. HOGG,
*Chairman.*

(Seal)

OSBORNE MITCHELL,
*Secretary.*

# SCHEDULE D

## to An Act respecting The Hydro-Electric Power Commission of Ontario, Steep Rock Iron Mines Limited and The Ontario-Minnesota Pulp and Paper Company Limited.

This Agreement made in duplicate the 10th day of April, 1942.

Between:

The Ontario-Minnesota Pulp and Paper Company Limited
(hereinafter called "the Ontario-Minnesota Company")
of the first part,

Steep Rock Iron Mines Limited
(hereinafter called "the Steep Rock Company")
of the second part,

—and—

The Seine River Improvement Company Limited
(hereinafter called "the Seine River Company")
of the third part.

Whereas the Ontario-Minnesota Company has entered into or is about to enter into a contract of even date herewith between The Hydro-Electric Power Commission of Ontario and the Ontario-Minnesota Company to which the Seine River Company is also a party (hereinafter referred to as "the Hydro—O-M power contract") providing among other things for the supply to the Ontario-Minnesota Company by The Hydro-Electric Power Commission of Ontario (hereinafter called "the Commission") free of charge of replacement power as in said agreement defined and provided;

And Whereas there are certain other matters referred to or arising out of the said agreement which the parties hereto have agreed should be the subject matter of this present agreement;

Now Therefore this Agreement Witnesseth that in consideration of the premises and other good and valuable consideration the receipt of which is hereby acknowledged, it is hereby agreed by and between the parties hereto as follows:

1. The Steep Rock Company in the exercise of such rights as may be conferred upon it by the Minister of Lands and Forests or which it may otherwise obtain to construct the Seine Diversion as defined in the Hydro—O-M power contract will so control or cause to be controlled the construction of the Seine Diversion that the operation of the Moose Lake plant and the flow of water through the Moose Lake plant will not be interfered with, except subject to the conditions and as contemplated in the Hydro—O-M power contract and in particular will at all times cause such construction of the Seine Diversion to be carried on subject to the orders of and the control of the Commission to the extent if any that the Commission may wish to direct.

2. The Steep Rock Company will not permit the gates of the Seine Diversion to be opened or otherwise permit water to pass through the Seine Diversion prior to the completion thereof unless and until it shall have been authorized and directed so to do by the Commission, and agrees upon the completion of the Seine Diversion to turn over the control and operation of the Seine Diversion to the Ontario-Minnesota Company as and when directed by the Commission.

3. The Steep Rock Company agrees that so long as the operation of the Moose Lake plant shall be suspended under the terms of the Hydro—O-M power contract, the Ontario-Minnesota Company or any corporation or person succeeding to the ownership of the Seine River properties shall have the continued right to operate and control the gates of the Seine Diversion, and thereafter until the balanced flow of the Seine River through Steep Rock Lake is restored shall together with the Commission have joint control of said gates; such operation and control to be at the sole expense of the Ontario-Minnesota Company or of its successor or transferee, but with the obligation on the part of the Steep Rock Company as may be required by the Commission at its own expense to maintain or cause to be maintained the said gates and control works and water passages of the Seine Diversion during the period within which the operation of the Moose Lake plant shall be suspended, and that at the expiration of the aforesaid period of joint control the Seine Diversion may be permanently closed against the discharge through the said Seine Diversion of the waters of Moose Lake.

4. On the entering into of the Hydro—O-M power contract the Ontario-Minnesota Company has claimed that the replacement power to be furnished to the Ontario-Minnesota Company thereunder will not adequately compensate the Ontario-Minnesota Company for certain disadvantages in contemplation or apprehended or not now in contemplation but which may arise as a result of the disturbance in the operation of the Seine River properties and the arrangement entered into in connection therewith as set out in the Hydro—O-M contract, the nature and effect of which disadvantages it is not now possible fully to determine. The Steep Rock Company agrees that it will, on the request of the Ontario-Minnesota Company on the expiration of five years from the date hereof, appoint a representative to act with a represen-

tative to be appointed by the Ontario-Minnesota Company to determine what additional provision, if any, should be made by the Steep Rock Company to compensate the Ontario-Minnesota Company for such disadvantages as aforesaid and the anticipated continuance thereof during the life of the Hydro—O-M power contract. If such representatives shall agree upon the amount of such provision, if any, or that under the circumstances no such provision need be made, such agreement shall be final and binding on the parties. If such representatives fail to reach such agreement within sixty days of the making of the request aforesaid or if at the request of the other either party shall have failed to appoint a representative, either party may request an appointee of the Commission to join with the representative or representatives so appointed in such determination and the decision of the persons so appointed or a majority thereof shall be final and conclusive and binding on the parties. Any provision agreed upon or determined upon as aforesaid shall be expressed as a sum of money and the Ontario-Minnesota Company shall have the option of requiring such sum to be paid to it in cash or at its election to be satisfied by the delivery by the Commission to the Ontario-Minnesota Company of additional replacement power without charge to the Ontario-Minnesota Company. Such additional replacement power shall, however, for the purposes of satisfying such provision be calculated as having a value of $19 per horsepower per annum and may be taken by the Ontario-Minnesota Company at such times and in such quantities as may be agreed between the Ontario-Minnesota Company and the Commission. Such agreement or determination as aforesaid shall finally dispose of all claims of the Ontario-Minnesota Company for additional provision in respect of the matters aforesaid.

5. The Ontario-Minnesota Company hereby agrees that the complete performance by the Commission of its obligations under the Hydro—O-M power contract and the observance by the Steep Rock Company of its agreements and obligations hereunder will be accepted by the Ontario-Minnesota Company in full satisfaction of all claims which it might assert by reason of the disturbance of and damage to the operation of the Seine River properties in accordance herewith and in accordance with the provisions of the Hydro—O-M power contract including the loss of power to the Ontario-Minnesota Company.

6. The Ontario-Minnesota Company agrees that it will within three months after the close of each fiscal year commencing with the year in which the operation of the Moose Lake plant shall be suspended and continuing so long as the operations of the Moose Lake plant shall be suspended present to the Steep Rock Company a statement in reasonable detail showing the amount of the savings resulting from the discontinuance of the operation or from the restricted operation of the Moose Lake plant over the expense which would have accrued had the full operation thereof been continued during the whole of such year. Such savings shall include such reasonable expense for normal maintenance of the existing Moose Lake dam and works appurtenant thereto as may be incurred by the Steep Rock Company, but any credit given to or withheld from the Steep Rock Company in respect of such item shall not affect or diminish its obligations and liability under paragraph 7. The Steep Rock Company shall be entitled to examine the books and records of the Ontario-Minnesota Company to establish the correctness or otherwise of such statement, and, if the correctness of such statement is disputed by the Steep Rock Company, the Steep Rock Company shall be entitled within thirty days after the receipt of such statement by it to have the said statement and supporting data reviewed by a representative of the Commission, whose decision shall be final. The amount of the savings shown by such statement or the amount determined by such representative of the Commission, as the case may be, shall be paid by the Ontario-Minnesota Company to the Steep Rock Rompany within fifteen days from the date when the correctness of the statement is acknowledged or the amount is determined by the representative of the Commission, as the case may be.

7. The Steep Rock Company hereby assumes to the exoneration of the Ontario-Minnesota Company and the Seine River Company and any corporation or person succeeding to its ownership of the Seine River properties all liability for claims or suits of every character, by whomsoever asserted, arising or growing out of or based upon any escape of water from Moose Lake during the time in which the operation of the Moose Lake plant shall be suspended as provided in the Hydro—O-M power contract. The Steep Rock Company at its own expense will at all times cause Moose Lake dam and works appurtenant thereto and the substructure thereof and underlying rock and earth to be reinforced or otherwise protected and augmented to such extent as may be necessary to insure that there will be no substantial escape of water from Moose Lake into the area now occupied by Steep Rock Lake and will so long as the operation of the Moose Lake plant is suspended, maintain such protective works and shall be entitled at all reasonable times to enter upon the premises of the Ontario-Minnesota Company and of the Seine River Company for such purpose. The Steep Rock Company shall also be entitled from time to time at its own expense to erect and maintain other protective works designed to prevent or insure against the escape of water from Moose Lake into the area now occupied by Steep Rock Lake provided the same are consistent with the maintenance of such conditions as may be required in furtherance of the Hydro—O-M power contract. The Steep Rock Company further agrees that it will at its own expense hold harmless, defend and protect the Ontario-Minnesota Company and the Seine River Company and any corporation or person succeeding to its ownership of the Seine River properties against any and all claims or suits of every character by whomsoever asserted based upon escape of water as aforesaid.

8. The Steep Rock Company agrees that so long as the operations of the Moose Lake plant are suspended it will not permit or suffer any buildings or erections to be constructed or maintained within the basin of Steep Rock Lake, except such buildings or erections as may be necessary for its own operations and in particular will not permit the erection of any quarters or dwellings for staff or others and that in accordance with the provisions of the Hydro—O-M power contract the Steep Rock Company will within such time as shall be prescribed by the Commission remove or shall cause to be removed from the basin of Steep Rock Lake all buildings, machinery, equipment, plant and chattel property and in default of such removal the Steep Rock Company shall assume all damage sustained by any such property so remaining upon the premises and shall also remove or cause to be removed any obstruction or works which may have been placed in Steep Rock Lake or at its outlet in connection with the dewatering of the said Lake or with operations of the Steep Rock Company therein which would affect the restoration of the normal flow of Seine River waters through the said Lake and at the same time shall remove such protective works as may have been placed in Moose Lake or in the water passages leading to the Moose Lake plant if such removal shall be requested by the Commission or by the Ontario-Minnesota Company.

9. The Steep Rock Company agrees that it will at the expense of the Ontario-Minnesota Company from time to time support and/or concur in any application made by the Ontario-Minnesota Company and/or the Seine River Company while the Hydro—O-M power contract is in force for the renewal of any rights or privileges affecting the Seine River properties including in particular any renewal or renewals of water power lease No. 28.

10. This agreement shall not become binding upon the parties unless and until an Act of the Legislature of the Province of Ontario shall be passed at the present session of the Legislature confirming and validating this agreement and certain other agreements of even date, short particulars of which are as follows:

(a) contract between The Hydro-Electric Power Commission of Ontario and The Ontario-Minnesota Pulp and Paper Company Limited and The Seine River Improvement Company Limited dated the 10th day of April, 1942, relating to the supply of power to The Ontario-Minnesota Pulp and Paper Company Limited and other matters as therein provided;

(b) contract between The Hydro-Electric Power Commission of Ontario and Steep Rock Iron Mines Limited dated the 10th day of April, 1942, relating to the supply of power to Steep Rock Iron Mines Limited and other matters as therein provided;

(c) contract between The Hydro-Electric Power Commission of Ontario and Steep Rock Iron Mines Limited dated the 10th day of April, 1942, relating to the construction of a power transmission line, the furnishing of security by Steep Rock Iron Mines Limited to The Hydro-Electric Power Commission of Ontario and other matters as therein provided;

and given Royal Assent whereupon this agreement shall become binding and shall have effect in accordance with its terms.

The benefit and obligation of this agreement shall enure to and be binding upon the successors and assigns of the parties.

In Witness Whereof this agreement has been executed by the parties hereto under their respective corporate seals.

THE ONTARIO-MINNESOTA PULP AND PAPER COMPANY LIMITED
by R. H. M. Robinson,
*President.*
R. D. Main,
*Secretary* *C.S.*

STEEP ROCK MINES LIMITED
by D. M. Hogarth,
*President.*
G. G. Blackstock,
*Secretary* *C.S.*

THE SEINE RIVER IMPROVEMENT COMPANY LIMITED
by R. H. M. Robinson,
*President.*
R. D. Main,
*Secretary* *C.S.*

# INDEX

A

Abitibi Canyon Gen. Sta. — Power Generated........................ 6
Abitibi District Generating Plants—Power Generated.................. 6
Operation of........................ 24
Diagram of Peak Loads.............. 25
Loads of Municipalities.............. 28
Rural Power District Loads.......... 29
Municipal work...................... 36
Transmission Line Changes........... 77
Fixed Assets........................170
Abitibi Power and Paper Co. — Power Purchased......................... 7
Accidents............................ 89
Accounts, Explanatory Statement respecting........................... 91
Accounts Receivable...................108
Acton—Load in Horsepower............ 10
Cost of Power.......................118
Credit or Charge Account............128
Sinking Fund........................138
*Municipal Accounts:
A. Balance Sheet....................194
B. Detailed Operating Report........246
*Statements:
C. Street Lighting Installation (See Page 298)
D. Consumers, Consumption, Bills, etc..308
E. Cost of Power and Rates for Service.320
Advertising.......................... 54
Agincourt—Load in Horsepower........ 10
Cost of Power.......................118
Credit or Charge Account............128
Sinking Fund........................138
Municipal Accounts........A, 194; B, 246
Statements................D, 308; E, 320
Ailsa Craig—Load in Horsepower....... 10
Cost of Power.......................118
Credit or Charge Account............128
Sinking Fund........................138
Municipal Accounts........A, 194; B, 246
Statements................D, 308; E, 320
Alexander Gen. Sta.—Power Generated.. 6
Alexandria—Load in Horsepower........ 20
Cost of Power.......................152
Credit or Charge Account............156
Sinking Fund........................160
Municipal Accounts........A, 234; B, 286
Statements................D, 308; E, 320
Alliston—Load in Horsepower.......... 17
Cost of Power.......................142
Credit or Charge Account............146
Sinking Fund........................150
Municipal Accounts........A, 224; B, 276
Statements................D, 308; E, 320
Alliston Rural Power District—Load in Horsepower.................... 18
Miles of Line, Consumers and Rates... 49
Alvinston—Load in Horsepower......... 10
Cost of Power.......................118
Credit or Charge Account............128
Sinking Fund........................138
Municipal Accounts........A, 194; B, 246
Statements................D, 308; E, 320
Amherstburg—Load in Horsepower...... 10
Municipal Work...................... 31
Cost of Power.......................118
Credit or Charge Account............128
Sinking Fund........................138
Municipal Accounts........A, 194; B, 246
Statements................D, 304; E, 320
Ancaster Township—Load in Horsepower 10
Cost of Power.......................118
Credit or Charge Account............128
Sinking Fund........................138
Municipal Accounts........A, 195; B, 247
Statements................D, 308; E, 320
Annual Report, Guide to...............xxx
Apple Hill—Load in Horsepower........ 20
Cost of Power.......................152
Credit or Charge Account............156
Sinking Fund........................160
Municipal Accounts........A, 234; B, 286
Statements................D, 308; E, 320
Approvals Laboratory.................. 88
Arkona—Load in Horsepower........... 10
Cost of Power.......................118
Credit or Charge Account............128
Sinking Fund........................138
Municipal Accounts........A, 195; B, 247
Statements................D, 308; E, 320
Arnprior—Load in Hosrepower......... 20
Cost of Power.......................152
Credit or Charge Account............156
Sinking Fund........................160
Municipal Accounts........A, 234; B, 286
Statements................D, 304; E, 320
Arnprior Rural Power District—Load in Horsepower.................... 22
Miles of Line, Consumers and Rates... 50
Arthur—Load in Horsepower........... 17
Cost of Power.......................142
Credit or Charge Account............146
Sinking Fund........................150
Municipal Accounts........A, 224; B, 276
Statements................D, 308; E, 320
Assets Fixed
Re Hydro-Electric Power Commission.102
Re Northern Ontario Properties.......170
Associations, Meetings and Conferences.. 88
Athens—Load in Horsepower........... 20
Cost of Power.......................152
Credit or Charge Account............156
Sinking Fund........................160
Municipal Accounts........A, 234; B, 286
Statements................D, 308; E, 320
Auburn Gen. Sta.—Power Generated.... 6

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*The Statements "A", "B", "C", "D" and "E", appertaining to the local municipal electric utilities—and given in Section X of the Report—are detailed individually for Acton, but in the case of other municipalities are grouped under the sub-heading of "Municipal Accounts" with reference to Statements "A" and "B" and under the sub-heading "Statements" with reference to Statements "D" and "E". Statement "C" suspended.

Aurora—Load in Horsepower........... 10
  Municipal Work.................... 31
Aylmer—Load in Horsepower........... 10
  Cost of Power......................118
  Credit or Charge Account............128
  Sinking Fund......................138
  Municipal Accounts........A, 195; B, 247
  Statements................D, 304; E, 320
Aylmer Rural Power District—Load in Horsepower..................... 14
  Miles of Line, Consumers and Rates... 46
Ayr—Load in Horsepower............. 10
  Cost of Power......................118
  Credit or Charge Account............128
  Sinking Fund......................138
  Municipal Accounts........A, 195; B, 247
  Statements................D, 308; E, 320

B

Baden—Load in Horsepower........... 10
  Cost of Power......................118
  Credit or Charge Account............128
  Sinking Fund......................138
  Municipal Accounts........A, 195; B, 247
  Statements................D, 308; E, 320
Baden Rural Power District—Load in Horsepower..................... 14
  Miles of Line, Consumers and Rates... 46
Bala—Load in Horsepower............. 17
  Cost of Power and Rates for Service....320
Bala Gen. Stns.—Power Generated...... 6
Bala Rural Power District—Load in Horsepower..................... 18
  Miles of Line, Consumers and Rates... 49
Balance Sheet
  Re Hydro-Electric Power Commission. 98
  Re Northern Ontario Properties.......166
  Re Hamilton Street Railway..........174
Bark Lake Dam—Hydraulic Construction 64
Barrett Chute Development—Hydraulic Construction..................... 61
  Power Generated.................... 6
Barrie—Load in Horsepower........... 17
  Cost of Power......................142
  Credit or Charge Account............146
  Sinking Fund......................150
  Municipal Accounts........A, 224; B, 276
  Statements................D, 304; E, 320
Barrie Rural Power District—Load in Horsepower..................... 18
  Miles of Line, Consumers and Rates... 49
Bath—Load in Horsepower............. 20
  Cost of Power......................152
  Credit or Charge Account............156
  Sinking Fund......................160
  Municipal Accounts........A, 234; B, 286
  Statements................D, 308; E, 320
Baysville Rural Power District—Load in Horsepower..................... 18
  Miles of Line, Consumers and Rates... 49
Beach Estate, M.F.—Power Purchased.. 7
Beachville—Load in Horsepower........ 10
  Cost of Power......................118
  Credit or Charge Account............128
  Sinking Fund......................138
  Municipal Accounts........A, 195; B, 247
  Statements................D, 308; E, 320
Beamsville—Load in Horsepower........ 10
  Cost of Power......................118
  Credit or Charge Account............128
  Sinking Fund......................138
  Municipal Accounts........A, 195; B, 247
  Statements................D, 308; E, 320
Beamsville Rural Power District—Load in Horsepower.................... 14
  Miles of Line, Consumers and Rates... 46
Beardmore Townsite—Load in Horsepower 24
  Cost of Power and Rates for Service...320
Beauharnois Light, Heat and Power Co.—Power Purchased................ 7
Beaumaris Rural Power District—Load in Horsepower.................... 18
  Miles of Line, Consumers and Rates... 49
Beaverton—Load in Horsepower........ 17
  Cost of Power......................142
  Credit or Charge Account............146
  Sinking Fund......................150
  Municipal Accounts........A, 224; B, 276
  Statements................D, 308; E, 320
Beaverton Rural Power District—Load in Horsepower.................... 18
  Miles of Line, Consumers and Rates... 49
Beeton—Load in Horsepower........... 17
  Cost of Power......................142
  Credit or Charge Account............146
  Sinking Fund......................150
  Municipal Accounts........A, 224; B, 276
  Statements................D, 308; E, 320
Belle River—Load in Horsepower....... 10
  Cost of Power......................118
  Credit or Charge Account............128
  Sinking Fund......................138
  Municipal Accounts........A, 196; B, 248
  Statements................D, 308; E, 320
Belleville—Load in Horsepower......... 20
  Municipal Work.................... 35
  Cost of Power......................152
  Credit or Charge Account............156
  Sinking Fund......................160
  Municipal Accounts........A, 235; B, 287
  Statements................D, 304; E, 320
Belleville Rural Power District—Load in Horsepower.................... 22
  Miles of Line, Consumers and Rates... 50
Big Chute Gen. Sta.—Power Generated.. 6
Big Eddy Development — Placed in Operation...................... 60
Big Eddy Gen. Sta.—Power Generated .. 6
Bingham Chute Gen. Sta. — Power Generated...................... 6
Blenheim—Load in Horsepower......... 10
  Cost of Power......................118
  Credit or Charge Account............128
  Sinking Fund......................138
  Municipal Accounts........A, 196· B, 248
  Statements................D, 308; E, 320
Blenheim Rural Power District—Load in Horsepower.................... 14
  Miles of Line, Consumers and Rates... 46
Bloomfield—Load in Horsepower........ 20
  Cost of Power......................152
  Credit or Charge Account............156
  Sinking Fund......................160
  Municipal Accounts........A, 235; B, 287
  Statements................D, 308; E, 320

Blyth—Load in Horsepower 10
  Cost of Power 118
  Credit or Charge Account 128
  Sinking Fund 138
  Municipal Accounts A, 196; B, 248
  Statements D, 308; E, 320

Bolton—Load in Horsepower 10
  Cost of Power 118
  Credit or Charge Account 128
  Sinking Fund 138
  Municipal Accounts A, 196; B, 248
  Statements D, 308; E, 320

Bond Lake Rural Power District—Load in Horsepower 14
  Miles of Line, Consumers and Rates 46

Bothwell—Load in Horsepower 10
  Cost of Power 118
  Credit or Charge Account 128
  Sinking Fund 138
  Municipal Accounts A, 196; B, 248
  Statements D, 308; E, 320

Bothwell Rural Power District—Load in Horsepower 14
  Miles of Line, Consumers and Rates 46

Bowmanville—Load in Horsepower 20
  Cost of Power 152
  Credit or Charge Account 156
  Sinking Fund 160
  Municipal Accounts A, 235; B, 287
  Statements D, 304; E, 320

Bowmanville Rural Power District—Load in Horsepower 22
  Miles of Line, Consumers and Rates 50

Bradford—Load in Horsepower 17
  Cost of Power 142
  Credit or Charge Account 146
  Sinking Fund 150
  Municipal Accounts A, 225; B, 277
  Statements D, 308, E, 320

Braeside—Load in Horsepower 20

Brampton—Load in Horsepower 10
  Cost of Power 118
  Credit or Charge Account 128
  Sinking Fund 138
  Municipal Accounts A, 197; B, 249
  Statements D, 304; E, 320

Brampton Rural Power District—Load in Horsepower 14
  Miles of Line, Consumers and Rates 46

Brant District—Transmission Line Changes 75

Brant Rural Power District—Load in Horsepower 14
  Miles of Line, Consumers and Rates 46

Brantford—Load in Horsepower 10
  Cost of Power 118
  Credit or Charge Account 128
  Sinking Fund 138
  Municipal Accounts A, 197; B, 249
  Statements D, 304; E, 320

Brantford Township—Load in Horsepower 10
  Municipal Work 31
  Cost of Power 118
  Credit or Charge Account 128
  Sinking Fund 138
  Municipal Accounts A, 197; B, 249
  Statements D, 308; E, 320

Brechin—Load in Horsepower 17
  Cost of Power 142
  Credit or Charge Account 146
  Sinking Fund 150
  Rural Lines 151
  Municipal Accounts A, 225; B, 277
  Statements D, 308; E, 320

Bridgeport—Load in Horsepower 10
  Cost of Power 118
  Credit or Charge Account 128
  Sinking Fund 138
  Municipal Accounts A, 197; B, 249
  Statements D, 308; E, 320

Brigden—Load in Horsepower 10
  Cost of Power 118
  Credit or Charge Account 128
  Sinking Fund 138
  Municipal Accounts A, 197; B, 249
  Statements D, 308; E, 320

Brigden Rural Power District—Load in Horsepower 14
  Miles of Line, Consumers and Rates 46

Brighton—Load in Horsepower 20
  Cost of Power 152
  Credit or Charge Account 156
  Sinking Fund 160
  Municipal Accounts A, 235; B, 287
  Statements D, 308; E, 320

Brighton Rural Power District—Load in Horsepower 22
  Miles of Line, Consumers and Rates 50

British American Oil Co., Ltd., Agreement Approved 1

Brockville—Load in Horsepower 21
  Cost of Power 152
  Credit or Charge Account 156
  Sinking Fund 160
  Municipal Accounts A, 235; B, 287
  Statements D, 304; E, 322

Brockville Rural Power District—Load in Horsepower 22
  Miles of Line, Consumers and Rates 50

Bronte—Load in Horsepower 10

Bruce Rural Power District—Load in Horsepower 18
  Miles of Line, Consumers and Rates 49

Brussels—Load in Horsepower 10
  Cost of Power 118
  Credit or Charge Account 128
  Sinking Fund 138
  Municipal Accounts A, 197; B, 249
  Statements D, 308; E, 322

Building Products Ltd., Agreement Approved 1

Burford—Load in Horsepower 10
  Cost of Power 118
  Credit or Charge Account 128
  Sinking Fund 138
  Municipal Accounts A, 197; B, 249
  Statements D, 308; E, 322

Burford Rural Power District—Load in Horsepower 14
  Miles of Line, Consumers and Rates 46

Burgessville—Load in Horsepower 10
  Cost of Power 118
  Credit or Charge Account 128
  Sinking Fund 138
  Municipal Accounts A, 198; B, 250
  Statements D, 308; E, 322

Burlington—Load in Horsepower........ 10
Municipal Work..................... 32
Burlington Beach—Load in Horsepower.. 10
Cost of Power and Rates for Service...322

C

Calabogie Gen. Sta.—Power Generated.. 6
Caledonia—Load in Horsepower........ 10
Cost of Power.......................118
Credit or Charge Account............128
Sinking Fund........................138
Municipal Accounts........A, 198; B, 250
Statements................D, 308; E, 322
Caledonia Rural Power District—Load in Horsepower................... 14
Miles of Line, Consumers and Rates... 46
Callander—Load in Horsepower......... 28
Cameron Falls Gen. Sta.—Power Generated......................... 6
Campbellford Water and Light Commission—Power Purchased......... 7
Campbellville—Load in Horsepower..... 10
Cost of Power.......................118
Credit or Charge Account............128
Sinking Fund........................138
Municipal Accounts........A, 198; B, 250
Statements................D, 308; E, 322
Canadian Bridge Engineering Co. Ltd. Agreement Approved.............. 1
Canadian Electrical Code, The.......... 90
Canadian Gypsum Co. Ltd., Agreement Approved....................... 1
Canadian Industries Ltd., Agreement Approved....................... 1
Canadian National Railway Company Agreement Aproved.............. 1
Canadian Niagara Power Co.—Power Purchased...................... 7
Cannington—Load in Horsepower....... 17
Cost of Power.......................142
Credit or Charge Account............146
Sinking Fund........................150
Municipal Accounts........A, 225; B, 277
Statements................D, 308; E, 322
Cannington Rural Power District—Load in Horsepower.................. 18
Miles of Line, Consumers and Rates... 49
Capital Expenditures, Rural Power Districts.........................107
Capital Investment, Summary of........ xiii
Thirty Years' Record...............xxvii
Capreol—Load in Horsepower.......... 28
Municipal Accounts........A, 245; B, 297
Statements................D, 308; E, 322
Cardinal—Load in Horsepower......... 21
Cost of Power.......................152
Credit or Charge Account............156
Sinking Fund........................160
Municipal Accounts........A, 235; B, 287
Statements................D, 308; E, 322
Carleton Place—Load in Horsepower.... 21
Cost of Power.......................152
Credit or Charge Account............156
Sinking Fund........................160
Municipal Accounts........A, 235; B, 287
Statements................D, 304; E, 322
Carleton Place Gen. Sta.—Power Generated......................... 6

Carleton Place Rural Power District—Load in Horsepower............... 22
Miles of Line. Consumers and Rates... 50

Carlsruhe—Load in Horsepower......... 17
Cost of Power and Rates for Service...322

Cayuga—Load in Horsepower.......... 10
Cost of Power.......................118
Credit or Charge Account............128
Sinking Fund........................138
Muncipal Accounts.........A, 198; B, 250
Statements................D, 308; E, 322

Central Aircraft Ltd., Agreement Approved.......................... 1

Central District—Transmission Line Changes......................... 77

Chatham—Load in Horsepower......... 10
Cost of Power.......................118
Credit or Charge Account............128
Sinking Fund........................138
Municipal Accounts........A, 198; B, 250
Statements................D, 304; E, 322

Chatham Rural Power District—Load in Horsepower..................... 14
Miles of Line, Consumers and Rates... 46

Chats Falls Gen. Sta.—Power Generated. 6

Chatsworth—Load in Horsepower....... 17
Cost of Power.......................142
Credit or Charge Account............146
Sinking Fund........................150
Municipal Accounts........A, 225; B, 277
Statements................D, 308; E, 322

Chesley—Load in Horsepower.......... 17
Cost of Power.......................142
Credit or Charge Account............146
Sinking Fund........................150
Municipal Accounts........A, 225; B, 277
Statements................D, 310; E, 322

Chesterville—Load in Horsepower....... 21
Cost of Power.......................152
Credit or Charge Account............156
Sinking Fund........................160
Municipal Accounts........A, 236; B, 288
Statements................D, 310; E, 322

Chippawa—Load in Horsepower........ 10
Cost of Power.......................118
Credit or Charge Account............128
Sinking Fund........................138
Municipal Accounts........A, 199; B, 251
Statements................D, 310; E, 322

Chippawa Rural Power District—Load in Horsepower..................... 14
Miles of Line, Consumers and Rates... 46

Clifford—Load in Horsepower.......... 10
Cost of Power.......................118
Credit or Charge Account............128
Sinking Fund........................138
Municipal Accounts........A, 199; B, 251
Statements................D, 310; E, 322

Clinton—Load in Horsepower.......... 10
Cost of Power.......................118
Credit or Charge Account............128
Sinking Fund........................138
Municipal Accounts........A, 199; B, 251
Statements................D, 310; E, 322

Cobden—Load in Horsepower 21
  Cost of Power 152
  Credit or Charge Account 156
  Sinking Fund 160
  Municipal Accounts A, 236; B, 288
  Statements D, 310 E, 322
Cobourg—Load in Horsepower 21
  Cost of Power 152
  Credit or Charge Account 156
  Sinking Fund 160
  Municipal Accounts A, 236; B, 288
  Statements D, 304; E, 322
Cobourg Rural Power District—Load in Horsepower 22
  Miles of Line, Consumers and Rates 50
Colborne—Load in Horsepower 21
  Cost of Power 152
  Credit or Charge Account 156
  Sinking Fund 160
  Municipal Accounts A, 236; B, 288
  Statements D, 310; E, 322
Coldwater—Load in Horsepower 17
  Cost of Power 142
  Credit or Charge Account 146
  Sinking Fund 150
  Municipal Accounts A, 225; B, 277
  Statements D, 310; E, 322
Collingwood—Load in Horsepower 17
  Municipal Work 34
  Cost of Power 142
  Credit or Charge Account 146
  Sinking Fund 150
  Municipal Accounts A, 225; B, 277
  Statements D, 304; E, 322
Comber—Load in Horsepower 10
  Cost of Power 118
  Credit or Charge Account 128
  Sinking Fund 138
  Municipal Accounts A, 199; B, 251
  Statements D, 310; E, 322
Concrete, Inspection of 82
Coniston Gen. Sta.—Power Generated 6
Connaught Rural Power District—Load in Horsepower 29
  Miles of Line, Consumers and Rates 51
Construction Activities, Summary of vii
Consumers, Number of, Consult Statements "B" and "D" 246, 300
Consumption, Energy, Consult Statement "D" 300
Cookstown—Load in Horsepower 17
  Cost of Power 142
  Credit or Charge Account 146
  Sinking Fund 150
  Municipal Accounts A, 226; B, 278
  Statements D, 310; E, 322
Cooksville District—Transmission Line Changes 75
Co-operative Systems—Summary of Investments xiii
  Summary of Reserves xiii
  Summarized Operating Results xiv
  Financial Features of xxv
  Operating, Described xxviii
  Agreement Approved 1
  Financial Operations Explained 91
Cottage Cove Townsite—Load in Horsepower 28
  Cost of Power and Rates for Service 322
Cottam—Load in Horsepower 10
  Cost of Power 118
  Credit or Charge Account 128
  Sinking Fund 138
  Municipal Accounts A, 199; B, 251
  Statements D, 310; E, 322
Courtright—Load in Horsepower 10
  Cost of Power 118
  Credit or Charge Account 128
  Sinking Fund 138
  Municipal Accounts A, 199; B, 251
  Statements D, 310; E, 322
Creemore—Load in Horsepower 17
  Cost of Power 142
  Credit or Charge Account 146
  Sinking Fund 150
  Municipal Accounts A, 226; B, 278
  Statements D, 310; E, 322
Creemore Rural Power District—Load in Horsepower 18
  Miles of Line, Consumers and Rates 49
Crowland District—Transmission Line Changes 76
Crystal Falls Gen. Sta.—Power Generated 6
  Storage for 65
Crystal Falls Rural Power District—Miles of Line, Consumers and Rates 51

D

Dashwood—Load in Horsepower 10
  Cost of Power 118
  Credit or Charge Account 128
  Sinking Fund 138
  Municipal Accounts A, 199; B, 251
  Statements D, 310; E, 322
Dasserat Lake Diversion 65
Debentures (See under Funded Debt) 110
DeCew Falls Gen. Sta.—Power Generated 6
  Hydraulic Construction 55
Defence Industries Ltd., Agreement Approved 1
Delaware—Load in Horsepower 10
  Cost of Power 118
  Credit or Charge Account 128
  Sinking Fund 138
  Municipal Accounts A, 200; B, 252
  Statements D, 310; E, 322
Delaware Rural Power District—Load in Horsepower 14
  Miles of Line, Consumers and Rates 46
Delhi—Load in Horsepower 10
  Cost of Power 118
  Credit or Charge Account 128
  Sinking Fund 138
  Municipal Accounts A, 200; B, 252
  Statements D, 310; E, 322
Deseronto—Load in Horsepower 21
  Cost of Power 152
  Credit or Charge Account 156
  Sinking Fund 160
  Municipal Accounts A, 236; B, 288
  Statements D, 310; E, 322
Distribution Lines and Systems in Rural Power Districts 79
Domestic Hot Water Tanks and Heaters, Research re 84

- Domestic Service, Conservation Work .... 52
  - Statistics re, Consult Statement "D" .... 300
  - Rates for, Consult Statement "E" .... 318
- Dominion Foundries and Steel Co. Ltd., Agreement Approved .... 1
- Dominion Magnesium Ltd., Agreement Approved .... 1
- Dorchester—Load in Horsepower .... 10
  - Cost of Power .... 118
  - Credit or Charge Account .... 128
  - Sinking Fund .... 138
  - Municipal Accounts .... A, 200; B, 252
  - Statements .... D, 310; E, 322
- Dorchester Rural Power District—Load in Horsepower .... 14
  - Miles of Line. Consumers and Rates .... 46
- Douro Gen. Sta.—Power Generated .... 6
- Drayton—Load in Horsepower .... 10
  - Cost of Power .... 118
  - Credit or Charge Account .... 128
  - Sinking Fund .... 138
  - Municipal Accounts .... A, 200; B, 252
  - Statements .... D, 310; E, 322
- Dresden—Load in Horsepower .... 10
  - Cost of Power .... 120
  - Credit or Charge Account .... 130
  - Sinking Fund .... 138
  - Municipal Accounts .... A, 200; B, 252
  - Statements .... D, 310; E, 322
- Dresden Rural Power District—Load in Horsepower .... 14
  - Miles of Line, Consumers and Rates .... 46
- Drumbo—Load in Horsepower .... 11
  - Cost of Power .... 120
  - Credit or Charge Account .... 130
  - Sinking Fund .... 138
  - Municipal Accounts .... A, 201; B, 253
  - Statements .... D, 310; E, 322
- Dublin—Load in Horsepower .... 11
  - Cost of Power .... 120
  - Credit or Charge Account .... 130
  - Sinking Fund .... 138
  - Municipal Accounts .... A, 201; B, 253
  - Statements .... D, 310; E, 324
- Dundalk—Load in Horsepower .... 17
  - Cost of Power .... 142
  - Credit or Charge Account .... 146
  - Sinking Fund .... 150
  - Municipal Accounts .... A, 226; B, 278
  - Statements .... D, 310; E, 324
- Dundas—Load in Horsepower .... 11
  - Municipal Work .... 32
  - Cost of Power .... 120
  - Credit or Charge Account .... 130
  - Sinking Fund .... 138
  - Municipal Accounts .... A, 201; B, 253
  - Statements .... D, 304; E, 324
- Dundas Rural Power District—Load in Horsepower .... 14
  - Miles of Line, Consumers and Rates .... 46
- Dunnville—Load in Horsepower .... 11
  - Cost of Power .... 120
  - Credit or Charge Account .... 130
  - Sinking Fund .... 138
  - Municipal Accounts .... A, 201; B, 253
  - Statements .... D, 304; E, 324
- Dunnville Rural Power District—Load in Horsepower .... 14
  - Miles of Line, Consumers and Rates .... 46
- Durham—Load in Horsepower .... 17
  - Cost of Power .... 142
  - Credit or Charge Account .... 146
  - Sinking Fund .... 150
  - Municipal Accounts .... A, 226; B, 278
  - Statements .... D, 310; E, 324
- Dutton—Load in Horsepower .... 11
  - Cost of Power .... 120
  - Credit or Charge Account .... 130
  - Sinking Fund .... 138
  - Municipal Accounts .... A, 201; B, 253
  - Statements .... D, 310; E, 324
- Dutton Rural Power District—Load in Horsepower .... 14
  - Miles of Line, Consumers and Rates .... 46

E

- Ear Falls Gen. Sta.—Power Generated .... 6
- Eastern Ontario System—Comparative Financial Statements, two years .... xvi
  - Summary Statements Respecting Utilities .... xviii
  - Right-of-Way .... 3
  - Generating Plants—Power Generated .... 6
  - Diagram of Peak Loads .... 19
  - Operation of .... 19
  - Loads of Municipalities .... 20
  - Rural Power District Loads .... 22
  - Municipal Work .... 34
  - Miles of Line, Consumers and Rates .... 50
  - Hydraulic Construction .... 61
  - Electrical Engineering and Construction .... 70
  - Transformer Changes .... 72
  - Total Mileage of Transmission Lines .... 73
  - High-Voltage Lines .... 77
  - Rural Power Districts, Summary of Construction in .... 79
  - Statement of Operations .... 100
  - Fixed Assets .... 104
  - Power Accounts Receivable .... 108
  - Renewals Reserves .... 113
  - Contingencies and Obsolescence Reserves .... 113
  - Stabilization of Rates Reserves .... 115
  - Sinking Fund Reserves .... 115
  - Cost of Power Table .... 152
  - Credit or Charge Table .... 156
  - Sinking Fund Equities .... 160
  - Rural Operating Report .... 161
  - Utilities Balance Sheets .... 234
  - Utilities Operating Reports .... 286
- East York Township—Load in Horsepower .... 11
  - Cost of Power .... 120
  - Credit or Charge Account .... 130
  - Sinking Fund .... 138
  - Municipal Accounts .... A, 201; B, 253
  - Statements .... D, 310; E, 324
- Electrical Conductors, Joints in, Research re .... 85
- Electrical Engineering and Construction .... 66
- Electrical Equipment, Inspection of .... 81
- Electrical Inspection Department .... 88
- Electrocutions and Fatal Accidents .... 89

Electronic Applications, Research re..... 84
Elliott Chute Gen. Sta.—Power Generated 6
Elmira—Load in Horsepower........... 11
  Cost of Power.....................120
  Credit or Charge Account...........130
  Sinking Fund......................138
  Municipal Accounts........A, 201; B, 253
  Statements...............D, 304; E, 324
Elmira Rural Power District—Load in Horsepower..................... 14
  Miles of Line, Consumers and Rates.... 46
Elmvale—Load in Horsepower.......... 17
  Cost of Power.....................142
  Credit or Charge Account...........146
  Sinking Fund......................150
  Municipal Accounts........A, 226; B, 278
  Statements...............D, 310; E, 324
Elmwood—Load in Horsepower......... 17
  Cost of Power.....................142
  Credit or Charge Account...........146
  Sinking Fund......................150
  Municipal Accounts........A, 227; B, 279
  Statements...............D, 310; E, 324
Elora—Load in Horsepower............ 11
  Cost of Power.....................120
  Credit or Charge Account...........130
  Sinking Fund......................138
  Municipal Accounts........A, 202; B, 254
  Statements...............D, 310; E, 324
Embro—Load in Horsepower........... 11
  Cost of Power.....................120
  Credit or Charge Account...........130
  Sinking Fund......................138
  Municipal Accounts........A, 202; B, 254
  Statements...............D, 310; E, 324
Equipment, New, Research re.......... 87
Erieau—Load in Horsepower........... 11
  Cost of Power.....................120
  Credit or Charge Account...........130
  Sinking Fund......................138
  Municipal Accounts........A, 202; B, 254
  Statements...............D, 310; E, 324
Erie Beach—Load in Horsepower....... 11
  Cost of Power.....................120
  Credit or Charge Account...........130
  Sinking Fund......................138
  Municipal Accounts........A, 202; B, 254
  Statements...............D, 310; E, 324
Essex—Load in Horsepower............ 11
  Cost of Power.....................120
  Credit or Charge Account...........130
  Sinking Fund......................138
  Municipal Accounts........A, 202; B, 254
  Statements...............D, 310; E, 324
Essex District—Transmission Line Changes....................... 75
Essex Rural Power District—Load in Horsepower..................... 14
  Miles of Line, Consumers and Rates.... 47
Etobicoke Township—Load in Horsepower 11
  Cost of Power.....................120
  Credit or Charge Account...........130
  Sinking Fund......................138
  Municipal Accounts........A, 203; B, 255
  Statements...............D, 310; E, 324
Eugenia District—Transmission Line Changes....................... 76
Eugenia Falls Gen. Sta.—Power Generated.......................... 6
  Rehabilitation of.................. 59
Exeter—Load in Horsepower........... 11
  Cost of Power.....................120
  Credit or Charge Account...........130
  Sinking Fund......................138
  Municipal Accounts........A, 203; B, 255
  Statements...............D, 310; E, 324
Exeter Rural Power District—Load in Horsepower...................... 14
  Miles of Line, Consumers and Rates.... 47

F

Fenelon Falls Gen. Sta.—Power Generated 6
Fenelon Falls Rural Power District—Load in Horsepower.................... 22
  Miles of Line, Consumers and Rates... 50
Fergus—Load in Horsepower........... 11
  Cost of Power.....................120
  Credit or Charge Account...........130
  Sinking Fund......................138
  Municipal Accounts........A, 203; B, 255
  Statements...............D, 304; E, 324
Financial Features of Undertaking......xxv
Financial Statements.................. 91
Finch—Load in Horsepower............ 21
  Cost of Power.....................152
  Credit or Charge Account...........156
  Sinking Fund......................160
  Municipal Accounts........A, 237; B, 289
  Statements...............D, 310; E, 324
Fires Attributed to Electricity.......... 89
Flesherton—Load in Horsepower........ 17
  Cost of Power.....................142
  Credit or Charge Account...........146
  Sinking Fund......................150
  Municipal Accounts........A, 227; B, 279
  Statements...............D, 310; E, 324
Fonthill—Load in Horsepower.......... 11
  Cost of Power.....................120
  Credit or Charge Account...........130
  Sinking Fund......................138
  Municipal Accounts........A, 203; B, 255
  Statements...............D, 310; E, 324
Forest—Load in Horsepower........... 11
  Cost of Power.....................120
  Credit or Charge Account...........130
  Sinking Fund......................138
  Municipal Accounts........A, 203; B, 255
  Statements...............D, 310; E, 324
Forest Rural Power District—Load in Horsepower...................... 14
  Miles of Line, Consumers and Rates.... 47
Forest Hill—Load in Horsepower........ 11
  Cost of Power.....................120
  Credit or Charge Account...........130
  Sinking Fund......................138
  Municipal Accounts........A, 203; B, 255
  Statements...............D, 304; E, 324
Forestry Work........................ 29
Foreword............................xxv
Fort William—Load in Horsepower...... 24
  Cost of Power.....................162
  Credit or Charge Account...........162
  Sinking Fund......................164
  Municipal Accounts........A, 244; B, 296
  Statements...............D, 304; E, 324

- Frankford—Load in Horsepower........ 21
  - Cost of Power and Rates for Service...324
- Frankford Gen. Sta.—Power Generated.. 6
- Frankford Rural Power District—Load in Horsepower..................... 22
  - Miles of Line, Consumers and Rates... 50
- Funded Debt—Thirty Years' Record... xxix
- Funded Debt, Tabulation of...........110

G

- Galetta Gen. Sta.—Power Generated.... 6
- Galt—Load in Horsepower............. 11
  - Municipal Work.................... 32
  - Cost of Power......................120
  - Credit or Charge Account............130
  - Sinking Fund.......................138
  - Municipal Accounts........A, 203; B, 255
  - Statements................D, 304; E, 324
- Galt Rural Power District—Load in Horsepower..................... 14
  - Miles of Line, Consumers and Rates.... 47
- Gamebridge—Cost of Power and Rates for Service.....................324
- Gananoque Light, Heat and Power Co.—Power Purchased................. 7
- Gatineau Power Co.—Power Purchased.. 7
- Georgetown—Load in Horsepower....... 11
  - Cost of Power......................120
  - Credit or Charge Account............130
  - Sinking Fund.......................138
  - Municipal Accounts........A, 204; B, 256
  - Statements................D, 306; E, 324
- Georgian Bay System—Comparative Financial Statements, two years.......xvi
  - Summary Statements Respecting Utilities..........................xvii
  - Right-of-Way...................... 3
  - Generating Plants—Power Generated.. 6
  - Operation of...................... 15
  - Diagram of Peak Loads.............. 16
  - Loads of Municipalities............. 17
  - Rural Power District Loads.......... 18
  - Municipal Work................... 33
  - Miles of Line, Consumers and Rates... 49
  - Hydraulic Construction.............. 59
  - Electrical Engineering and Construction 69
  - Transformer Changes................ 72
  - Total Mileage of Transmission Lines.... 73
  - High-Voltage Lines................. 76
  - Rural Power Districts, Summary of Construction in................... 79
  - Statement of Operations.............100
  - Fixed Assets.......................103
  - Power Accounts Receivable...........108
  - Renewals Reserves..................112
  - Contingencies and Obsolescence Reserves..........................112
  - Stabilization of Rates Reserves........114
  - Sinking Fund Reserves...............114
  - Cost of Power Table.................142
  - Credit or Charge Table..............146
  - Sinking Fund Equities...............150
  - Rural Operating Report..............151
  - Rural Lines........................151
  - Utilities Balance Sheets..............224
  - Utilities Operating Reports...........276
- Geraldton Townsite—Load in Horsepower........................... 24
  - Cost of Power and Rates for Service...324
- Gilman, Reginald Trevor, Agreement Approved........................ 1
- Glencoe—Load in Horsepower.......... 11
  - Cost of Power......................120
  - Credit or Charge Account............130
  - Sinking Fund.......................138
  - Municipal Accounts........A, 204; B, 256
  - Statements................D, 310; E, 324
- Glen Williams—Cost of Power and Rates for Service......................324
- Goderich—Load in Horsepower......... 11
  - Cost of Power......................120
  - Credit or Charge Account............130
  - Sinking Fund.......................138
  - Municipal Accounts........A, 204; B, 256
  - Statements................D, 306; E, 324
- Goderich Rural Power District—Load in Hosrepower...................... 14
  - Miles of Line, Consumers and Rates... 47
- Grand Valley—Load in Horsepower..... 17
  - Cost of Power......................142
  - Credit or Charge Account............146
  - Sinking Fund.......................150
  - Municipal Accounts........A, 227; B, 279
  - Statements................D, 312; E, 324
- Granton—Load in Horsepower.......... 11
  - Cost of Power......................120
  - Credit or Charge Account............130
  - Sinking Fund.......................138
  - Municipal Accounts........A, 204; B, 256
  - Statements................D, 312; E, 324
- Gravenhurst—Load in Horsepower...... 17
  - Cost of Power......................142
  - Credit or Charge Account............146
  - Sinking Fund.......................150
  - Municipal Accounts........A, 227; B, 279
  - Statements................D, 306; E, 324
- Gravenhurst Rural Power District—Load in Horsepower.............. 18
  - Miles of Line, Consumers and Rates... 49
- Grimsby, Agreement Approved......... 1
  - Load in Horsepower................ 11
  - Municipal Work.................... 32
  - Cost of Power......................120
  - Credit or Charge Account............130
  - Sinking Fund.......................138
  - Municipal Accounts........A, 204; B, 256
  - Statements ......................E, 324
- Grounding, Research re................ 86
- Ground Tests....................... 89
- Guelph—Load in Horsepower........... 11
  - Municipal Work.................... 32
  - Cost of Power......................120
  - Credit or Charge Account............130
  - Sinking Fund.......................138
  - Municipal Accounts........A, 205; B, 257
  - Statements................D, 304; E, 324
- Guelph District—Transmission Line Changes......................... 75
- Guelph Rural Power District—Load in Horsepower..................... 14
  - Miles of Line, Consumers and Rates... 47

H

Hagersville—Load in Horsepower....... 11
  Cost of Power.......................120
  Credit or Charge Account............130
  Sinking Fund........................138
  Municipal Accounts........A, 205; B, 257
  Statements................D, 312; E, 324
Hague's Reach Gen. Sta. — Power Generated......................... 6
Haldimand Rural Power District—Load in Horsepower.................... 14
  Miles of Line, Consumers and Rates... 47
Hamilton—Load in Horsepower......... 11
  Cost of Power.......................120
  Credit or Charge....................130
  Sinking Fund........................138
  Municipal Accounts........A, 205; B, 257
  Statements................D, 304; E, 324
Hamilton District—Transmission Line Changes........................ 75
Hamilton Street Railway—Financial Accounts..........................171
  Balance Sheet.......................174
  Operating Account...................176
Hanna Chute Gen. Sta.—Power Generated 6
Hanover—Load in Horsepower......... 17
  Cost of Power.......................142
  Credit or Charge Account............146
  Sinking Fund........................150
  Municipal Accounts........A, 227; B, 279
  Statements................D, 306; E, 324
Hanover Gen. Sta.—Power Generated... 6
Harriston—Load in Horsepower......... 11
  Cost of Power.......................120
  Credit or Charge Account............130
  Sinking Fund........................138
  Municipal Accounts........A, 205; B, 257
  Statements................D, 312; E, 326
Harrow—Load in Horsepower.......... 11
  Cost of Power.......................120
  Credit or Charge Account............130
  Sinking Fund........................138
  Municipal Accounts........A, 205; B, 257
  Statements................D, 312; E, 326
Harrow Rural Power District—Load in Horsepower...................... 14
  Miles of Line, Consumers and Rates... 47
Hastings—Load in Horsepower......... 21
  Municipal Work..................... 35
  Cost of Power.......................152
  Credit or Charge Account............156
  Sinking Fund........................160
  Municipal Accounts........A, 237; B, 289
  Statements................D, 312; E, 326
Havelock—Load in Horsepower......... 21
  Cost of Power.......................152
  Credit or Charge Account............156
  Sinking Fund........................160
  Municipal Accounts........A, 237; B, 289
  Statements................D, 312; E, 326
Hawkestone Rural Power District—Load in Horsepower.................... 18
  Miles of Line, Consumers and Rates... 49
Heely Falls Gen. Sta.—Power Generated 6
Hensall—Load in Horsepower.......... 11
  Cost of Power.......................120
  Credit or Charge Account............130
  Sinking Fund........................138
  Municipal Accounts........A, 205; B, 257
  Statements................D, 312; E, 326
Hepworth—Load in Horsepower........ 17
  Cost of Power and Rates for Service...326
Hespeler—Load in Horsepower......... 11
  Cost of Power.......................120
  Credit or Charge Account............130
  Sinking Fund........................138
  Municipal Accounts........A, 205; B, 257
  Statements................D, 306; E, 326
High Falls Gen. Sta.—Power Generated. 6
Highgate—Load in Horsepower......... 11
  Cost of Power.......................120
  Credit or Charge Account............130
  Sinking Fund........................138
  Municipal Accounts........A, 206; B, 258
  Statements................D, 312; E, 326
Hislop Townsite—Load in Horsepower... 28
  Cost of Power and Rates for Service...326
Holstein—Load in Horsepower.......... 17
  Cost of Power.......................142
  Credit or Charge Account............146
  Sinking Fund........................150
  Municipal Accounts........A, 227; B, 279
  Statements................D, 312; E, 326
Holstein Rural Power District—Load in Horsepower.......................... 18
  Miles of Line, Consumers and Rates... 49
Hudson Townsite—Load in Horsepower. 28
  Cost of Power and Rates for Service...326
Humberstone—Load in Horsepower..... 11
  Cost of Power.......................120
  Credit or Charge Account............130
  Sinking Fund........................138
  Municipal Accounts........A, 206; B, 258
  Statements................D, 306; E, 326
Huntsville—Load in Horsepower........ 17
  Cost of Power.......................142
  Credit or Charge Account............146
  Sinking Fund........................150
  Municipal Accounts........A, 227; B, 279
  Statements................D, 306; E, 326
Huntsville Rural Power District—Load in Horsepower.................... 18
  Miles of Line, Consumers and Rates... 49
Huronian Co.—Power Purchased........ 7
Hydraulic Engineering and Construction. 55
Hydraulic Investigations............... 65
Hydro-Electric Generating Plants....... 6
Hydro-Electric Power Commission, The Financial Operations Explained..... 91
  Balance Sheet....................... 98
  Cost Distributions..................100
  Fixed Assets, Summary of............106
  Power Accounts Receivable...........108
  Funded Debt.........................110
  Renewals Reserves...................112
  Contingencies and Obsolescence Reserves.........................112
  Stabilization of Rates Reserves.......114
  Sinking Fund Reserves...............114
  Account with Provincial Treasurer....116

I

Industrial Activity, Increased........... xi
Industrial Work, War Services.......... 52
Ingersoll—Load in Horsepower......... 11
  Municipal Work.................... 32
  Cost of Power.....................120
  Credit or Charge Account...........130
  Sinking Fund......................138
  Municipal Accounts........A, 206; B, 258
  Statements................D, 306; E, 326
Ingersoll Rural Power District—Load in Horsepower.................. 14
  Miles of Line, Consumers and Rates... 47
Inspection.......................... 80
Inspections of Equipment, Special....... 89
Insulation, Electrical, Research re....... 83
Iroquois—Load in Horsepower.......... 21
  Cost of Power.....................152
  Credit or Charge Account...........156
  Sinking Fund......................160
  Municipal Accounts........A, 237; B, 289
  Statements................D, 312; E, 326

J

Jarvis—Load in Horsepower............ 11
  Cost of Power.....................120
  Credit or Charge Account...........130
  Sinking Fund......................138
  Municipal Accounts........A, 206; B, 258
  Statements................D, 312; E, 326

K

Kaministiquia Power Co.—Power Purchased.......................... 7
Kapuskasing Rural Power District—Miles of Lines, Consumers and Rates..... 51
Kearns Townsite—Load in Horsepower.. 28
  Cost of Power and Rates for Service...326
Kemptville—Load in Horsepower....... 21
  Cost of Power.....................152
  Credit or Charge Account...........156
  Sinking Fund......................160
  Municipal Accounts........A, 237; B, 289
  Statements................D, 312; E, 326
Kennedy, William & Sons Ltd., Agreement Approved...................... 1
Kent District — Transmission Line Changes......................... 75
Keswick Rural Power District—Load in Horsepower.................. 14
  Miles of Line, Consumers and Rates... 47
Kincardine—Load in Horsepower....... 17
  Cost of Power.....................142
  Credit or Charge Account...........146
  Sinking Fund......................150
  Municipal Accounts........A, 228; B, 280
  Statements................D, 306; E, 326
King Kirkland Townsite—Load in Horsepower..................... 28
  Cost of Power and Rates for Service...326
Kingston—Load in Horsepower......... 21
  Municipal Work.................... 35
  Cost of Power.....................152
  Credit or Charge Account...........156
  Sinking Fund......................160
  Municipal Accounts........A, 237; B, 289
  Statements................D, 304; E, 326
Kingston Rural Power District—Load in Horsepower..................... 22
  Miles of Line, Consumers and Rates... 50
Kingsville—Load in Horsepower........ 11
  Cost of Power.....................120
  Credit or Charge Account...........130
  Sinking Fund......................138
  Municipal Accounts........A, 206; B, 258
  Statements................D, 306; E, 326
Kingsville Rural Power District—Load in Horsepower.................. 14
  Miles of Line, Consumers and Rates... 47
Kirkfield—Load in Horsepower......... 17
  Cost of Power.....................142
  Credit or Charge Account...........146
  Sinking Fund......................150
  Municipal Accounts........A, 228; B, 280
  Statements................D, 312; E, 326
Kitchener—Load in Horsepower........ 11
  Municipal Work.................... 32
  Cost of Power.....................120
  Credit or Charge Account...........130
  Sinking Fund......................138
  Municipal Accounts........A, 207; B, 259
  Statements................D, 304; E, 326
Kitchener District—Transmission Line Changes........................ 75

L

Laboratories, Testing and Research...... 81
Lakefield—Load in Horsepower......... 21
  Cost of Power.....................152
  Credit or Charge Account...........156
  Sinking Fund......................160
  Municipal Accounts........A, 238; B, 290
  Statements................D, 312; E, 326
Lakefield Gen. Sta.—Power Generated... 6
Lakefield Rural Power District—Load in Horsepower.................. 22
  Miles of Line, Consumers and Rates... 50
Lambeth—Load in Horsepower......... 11
  Cost of Power.....................120
  Credit or Charge Account...........130
  Sinking Fund......................138
  Municipal Accounts........A, 207; B, 259
  Statements................D, 312; E, 326
Lamps and Lighting Equipment, Inspection of......................... 82
Lanark—Load in Horsepower........... 21
  Cost of Power.....................152
  Credit or Charge Account...........156
  Sinking Fund......................160
  Municipal Accounts........A, 238; B, 290
  Statements................D, 312; E, 326
Lancaster—Load in Horsepower........ 21
  Cost of Power.....................152
  Credit or Charge Account...........156
  Sinking Fund......................160
  Municipal Accounts........A, 238; B, 290
  Statements................D, 312; E, 326
La Salle—Load in Horsepower.......... 11
  Cost of Power.....................120
  Credit or Charge Account...........130
  Sinking Fund......................138
  Municipal Accounts........A, 207; B, 259
  Statements................D, 312; E, 326

Leamington—Load in Horsepower 11
  Cost of Power 122
  Credit or Charge Account 132
  Sinking Fund 138
  Municipal Accounts A, 207; B, 259
  Statements D, 306; E, 326
Leaside—Cost of Power and Rates for Service 326
Legal Proceedings 1
Lighting, Wartime Service 54
Lindsay—Load in Horsepower 21
  Municipal Work 35
  Cost of Power 152
  Credit or Charge Account 156
  Sinking Fund 160
  Municipal Accounts A, 238; B, 290
  Statements D, 306; E, 326
Listowel—Load in Horsepower 11
  Cost of Power 122
  Credit or Charge Account 132
  Sinking Fund 138
  Municipal Accounts A, 207; B, 259
  Statements D, 306; E, 326
Listowel Rural Power District—Load in Horsepower 14
  Miles of Line, Consumers and Rates 47
Load Conditions, Summary of vi
  General 4
London—Load in Horsepower 11
  Cost of Power 122
  Credit or Charge Account 132
  Sinking Fund 138
  Municipal Accounts A, 207; B, 259
  Statements D, 304; E, 326
London District — Transmission Line Changes 74
London Rural Power District—Load in Horsepower 14
  Miles of Line, Consumers and Rates 47
London Township—Load in Horsepower 11
  Cost of Power 122
  Credit or Charge Account 132
  Sinking Fund 138
  Municipal Accounts A, 208; B, 260
  Statements D, 312; E, 326
Long Branch—Load in Horsepower 11
  Cost of Power 122
  Credit or Charge Account 132
  Sinking Fund 138
  Municipal Accounts A, 208; B, 260
  Statements D, 306; E, 326
Lucan—Load in Horsepower 11
  Cost of Power 122
  Credit or Charge Account 132
  Sinking Fund 138
  Municipal Accounts A, 208; B, 260
  Statements D, 312; E, 326
Lucan Rural Power District—Load in Horsepower 14
  Miles of Line, Consumers and Rates 47
Lucknow—Load in Horsepower 17
  Municipal Work 34
  Cost of Power 142
  Credit or Charge Account 146
  Sinking Fund 150
  Municipal Accounts A, 228; B, 280
  Statements D, 312; E, 326
Lynden—Load in Horsepower 11
  Cost of Power 122
  Credit or Charge Account 132
  Sinking Fund 138
  Municipal Accounts A, 208; B, 260
  Statements D, 312; E, 326
Lynden Rural Power District—Load in Horsepower 14
  Miles of Line, Consumers and Rates 47

M

MacLaren-Quebec Power Co. — Power Purchased 7
MacTier—Load in Horsepower 17
  Cost of Power and Rates for Service 326
Madawaska District—Transmission Line Changes 77
Madoc—Load in Horsepower 21
  Cost of Power 152
  Credit or Charge Account 156
  Sinking Fund 160
  Municipal Accounts A, 238; B, 290
  Statements D, 312; E, 328
Madoc Rural Power District—Load in Horsepower 22
  Miles of Line, Consumers and Rates 50
Manitoulin District—Operation of 27
  Rural Power District Loads 29
Manitoulin Pulp Co.—Power Purchased 7
Manitoulin Rural Power District—Load in Horsepower 29
  Miles of Line, Consumers and Rates 51
Markdale—Load in Horsepower 17
  Cost of Power 142
  Credit or Charge Account 146
  Sinking Fund 150
  Municipal Accounts A, 228; B, 280
  Statements D, 312; E, 328
Markham—Load in Horsepower 11
  Cost of Power 122
  Credit or Charge Account 132
  Sinking Fund 138
  Municipal Accounts A, 208; B, 260
  Statements D, 312; E, 328
Markham Rural Power District—Load in Horsepower 14
  Miles of Line, Consumers and Rates 47
Marmora—Load in Horsepower 21
  Cost of Power 152
  Credit or Charge Account 156
  Sinking Fund 160
  Municipal Accounts A, 239; B, 291
  Statements D, 312; E, 328
Marmora Rural Power District—Load in Horsepower 22
  Miles of Line, Consumers and Rates 50
Martintown—Load in Horsepower 21
  Cost of Power 152
  Credit or Charge Account 156
  Sinking Fund 160
  Municipal Accounts A, 239; B, 291
  Statements D, 312; E, 328
Martintown Rural Power District—Load in Horsepower 22
  Miles of Line, Consumers and Rates 50
Masonry Materials, Research re 84

Matachewan Townsite — Load in Horsepower.................... 28
  Cost of Power and Rates for Service...328
Materials and Equipment Inspection.... 81
Maxville—Load in Horsepower......... 21
  Cost of Power......................152
  Credit or Charge Account............156
  Sinking Fund......................160
  Municipal Accounts........A, 239; B, 291
  Statements...............D, 312; E, 328
McVittie Gen. Sta.—Power Generated... 6
Meaford—Load in Horsepower......... 17
  Cost of Power......................142
  Credit or Charge Account............146
  Sinking Fund......................150
  Municipal Accounts........A, 228; B, 280
  Statements...............D, 306; E, 328
Mechanical Equipment, Inspection of.... 82
Merlin—Load in Horsepower........... 11
  Cost of Power......................122
  Credit or Charge Account............132
  Sinking Fund......................138
  Municipal Accounts........A, 209; B, 261
  Statements...............D, 312; E, 328
Merlin Rural Power District—Load in Horsepower.................... 14
  Miles of Line, Consumers and Rates... 47
Merritton—Load in Horsepower........ 11
  Cost of Power......................122
  Credit or Charge Account............132
  Sinking Fund......................138
  Municipal Accounts........A, 209; B, 261
  Statements...............D, 306; E, 328
Meyersburg Gen. Sta.—Power Generated 6
Midland—Load in Horsepower......... 17
  Cost of Power......................142
  Credit or Charge Account............146
  Sinking Fund......................150
  Municipal Accounts........A, 229; B, 281
  Statements...............D, 306; E, 328
Midland Rural Power District—Load in Horsepower.................... 18
  Miles of Line, Consumers and Rates... 49
Mildmay—Load in Horsepower......... 17
  Cost of Power......................142
  Credit or Charge Account............146
  Sinking Fund......................150
  Municipal Accounts........A, 229; B, 281
  Statements...............D, 312; E, 328
Millbrook—Load in Horsepower........ 21
  Cost of Power......................152
  Credit or Charge Account............156
  Sinking Fund......................160
  Municipal Accounts........A, 239; B, 291
  Statements...............D, 312; E, 328
Millbrook Rural Power District—Load in Horsepower.................. 22
  Miles of Line, Consumers and Rates... 50
Milton—Load in Horsepower........... 11
  Cost of Power......................122
  Credit or Charge Account............132
  Sinking Fund......................139
  Rural Lines.......................141
  Municipal Accounts........A, 209; B, 261
  Statements...............D, 312; E, 328
Milton Rural Power District—Load in Horsepower.................... 14
  Miles of Line, Consumers and Rates... 47
Milverton—Load in Horsepower........ 12
  Cost of Power......................122
  Credit or Charge Account............132
  Sinking Fund......................139
  Municipal Accounts........A, 209; B, 261
  Statements...............D, 312; E, 328
Mimico—Load in Horsepower.......... 12
  Cost of Power......................122
  Credit or Charge Account............132
  Sinking Fund......................139
  Municipal Accounts........A, 209; B, 261
  Statements...............D, 306; E, 328
Minden Rural Power District—Load in Horsepower.................... 22
  Miles of Line, Consumers and Rates... 50
Mitchell—Load in Horsepower.......... 12
  Cost of Power......................122
  Credit or Charge Account............132
  Sinking Fund......................139
  Municipal Accounts........A, 209; B, 261
  Statements...............D, 312; E, 328
Mitchell Rural Power District—Load in Horsepower.................. 14
  Miles of Line, Consumers and Rates... 47
Moorefield—Load in Horsepower........ 12
  Cost of Power......................122
  Credit or Charge Account............132
  Sinking Fund......................139
  Municipal Accounts........A, 209; B, 261
  Statements...............D, 312; E, 328
Mooretown—Load in Horsepower....... 28
Mooretown Townsite—Cost of Power and Rates for Service..............328
Morrisburg—Load in Horsepower....... 21
  Cost of Power......................152
  Credit or Charge Account............156
  Sinking Fund......................160
  Municipal Accounts........A, 239; B, 291
  Statements...............D, 312; E, 328
Mount Brydges—Load in Horsepower... 12
  Cost of Power......................122
  Credit or Charge Account............132
  Sinking Fund......................139
  Municipal Accounts........A, 210; B, 262
  Statements...............D, 312; E, 328
Mount Forest—Load in Horsepower..... 17
  Cost of Power......................142
  Credit or Charge Account............146
  Sinking Fund......................150
  Municipal Accounts........A, 229; B, 281
  Statements...............D, 312; E, 328
Municipal Electric Utilities, Summary of Year's Operation.............xvii
Municipal Work...................... 30

N

Napanee—Load in Horsepower......... 21
  Municipal Work.................... 35
  Cost of Power......................152
  Credit or Charge Account............156
  Sinking Fund......................160
  Municipal Accounts........A, 239; B, 291
  Statements...............D, 306; E, 328

Napanee Rural Power District—Load in Horsepower.................... 22
  Miles of Line, Consumers and Rates... 50

National Defence, Minister of, Agreement Approved....................... 1

National Harbours Board, Agreement Approved....................... 1

Nepean Rural Power District—Load in Horsepower..................... 22
  Miles of Line, Consumers and Rates... 50

Neustadt—Load in Horsepower......... 17
  Cost of Power.....................142
  Credit or Charge Account............146
  Sinking Fund.......................150
  Municipal Accounts........A, 229; B, 281
  Statements................D, 312; E, 328

Newburgh—Load in Horsepower........ 21
  Cost of Power and Rates for Service...328

Newbury—Load in Horsepower......... 12
  Cost of Power.....................122
  Credit or Charge Account............132
  Sinking Fund.......................139
  Municipal Accounts........A, 210; B, 262
  Statements................D, 314; E, 328

Newcastle—Load in Horsepower........ 21
  Cost of Power.....................152
  Credit or Charge Account............156
  Sinking Fund.......................160
  Municipal Accounts........A, 239; B, 291
  Statements................D, 314; E, 328

New Hamburg—Load in Horsepower.... 12
  Cost of Power.....................122
  Credit or Charge Account............132
  Sinking Fund.......................139
  Municipal Accounts........A, 210; B, 262
  Statements................D, 314; E, 328

Newmarket—Load in Horsepower....... 12

New Toronto—Load in Horsepower..... 12
  Municipal Work.................... 32
  Cost of Power.....................122
  Credit or Charge Account............132
  Sinking Fund.......................139
  Municipal Accounts........A, 210; B, 262
  Statements................D, 306; E, 328

Niagara District—Transmission Line Changes....................... 74

Niagara-Dominion District—Transmission Line Changes.................... 76

Niagara Falls—Load in Horsepower..... 12
  Cost of Power.....................122
  Credit or Charge Account............132
  Sinking Fund.......................139
  Municipal Accounts........A, 210; B, 262
  Statements................D, 304; E, 328

Niagara-on-the-Lake—Load in Horsepower......................... 12
  Municipal Work.................... 32
  Cost of Power.....................122
  Credit or Charge Account............132
  Sinking Fund.......................139
  Municipal Accounts........A, 211; B, 263
  Statements................D, 306; E, 328

Niagara River Remedial Weir.......... 59

Niagara Rural Power District—Load in Horsepower..................... 14
  Miles of Line, Consumers and Rates... 47

Niagara System—Comparative Financial Statements, two years............. xv
  Summary Statements Respecting Utilities.........................xvii
  Power Resources—Thirty Years' Record.........................xxxi
  Right-of-Way...................... 2
  Operation of...................... 5
  Generating Plants—Power Generated.. 6
  Diagram of Peak Loads............. 9
  Loads of Municipalities............ 10
  Rural Power District Loads.......... 14
  Quebec Power, Delivery of........... 30
  Engineering Assistance to Municipalities 31
  Miles of Line, Consumers and Rates... 46
  Hydraulic Construction.............. 55
  Electrical Engineering and Constr...... 67
  Transformer Changes................ 71
  Total Mileage of Transmission Lines... 73
  High-Voltage Lines................. 74
  Low-Voltage Lines.................. 74
  Rural Power Districts, Summary of Construction in.................. 79
  Statement of Operations.............100
  Fixed Assets.......................102
  Power Accounts Receivable...........108
  Renewals Reserves..................112
  Contingencies and Obsolescence Reserves.......................112
  Stabilization of Rates Reserves.......114
  Sinking Fund Reserves...............114
  Cost of Power Table.................118
  Credit or Charge Table..............128
  Sinking Fund Equities...............138
  Rural Operating Report..............140
  Rural Lines........................141
  Utilities Balance Sheets..............194
  Utilities Operating Reports...........246

Nipigon Rural Power District—Load in Horsepower.................... 24
  Miles of Line, Consumers and Rates... 51

Nipigon Township—Load in Horsepower. 24
  Cost of Power.....................162
  Credit or Charge Account............162
  Sinking Fund.......................164
  Municipal Accounts........A, 244; B, 296
  Statements................D, 314; E, 328

Nipissing—Load in Horsepower......... 28
  Cost of Power and Rates for Service...328

Nipissing District—
  Operation of...................... 26
  Diagram of Peak Loads............. 27
  Loads of Municipalities............ 28
  Rural Power District Loads.......... 29
  Municipal Work.................... 36
  Fixed Assets.......................170
  Generating Plants—Power Generated.. 6
  Transmission Line Changes.......... 78

Nipissing Gen. Sta.—Power Generated... 6

North Bay—Load in Horsepower....... 28
  Municipal Accounts........A, 245; B, 297
  Statements................D, 304; E, 328

North Bay Rural Power District—Load in Horsepower.................... 29
  Miles of Line, Consumers and Rates... 51

Northern Ontario Properties—
  Summarized Operating Results....... xiv
  Described.......................xxviii
  Agreements Approved.............. 1
  Generating Plants—Power Generated.. 6
  Operation of...................... 24
  Loads of Municipalities............. 28
  Rural Power District Loads.......... 29
  Municipal Work.................... 36
  Miles of Line, Consumers and Rates... 51
  Hydraulic Construction............. 65
  Electrical Engineering and Constr..... 71
  Transformer Changes................ 72
  Total Mileage of Transmission Lines... 73
  Transmission Line Changes.......... 77
  Rural Power Districts, Summary of Construction in.................. 79
  Funded Debt......................110
  Account with Provincial Treasurer....116
  Financial Accounts.................165
  Balance Sheet.....................166
  Operating Account.................168
  Fixed Assets......................170
  Reserves.........................172
  Utilities Balance Sheet..............245
  Utilities Operating Reports...........297

North York Township—Load in Horsepower..................... 12
  Municipal Work.................... 32
  Cost of Power......................122
  Credit or Charge Account............132
  Sinking Fund......................139
  Municipal Accounts........A, 211; B, 263
  Statements...............D, 314; E, 328

Norwich—Load in Horsepower.......... 12
  Cost of Power......................122
  Credit or Charge Account............132
  Sinking Fund......................139
  Municipal Accounts........A, 211; B, 263
  Statements...............D, 314; E, 328

Norwich Rural Power District—Load in Horsepower..................... 15
  Miles of Line. Consumers and Rates... 47

Norwood—Load in Horsepower......... 21
  Cost of Power......................154
  Credit or Charge Account............158
  Sinking Fund......................160
  Municipal Accounts........A, 240; B, 292
  Statements...............D, 314; E, 328

Norwood Rural Power District—Load in Horsepower..................... 22
  Miles of Line, Consumers and Rates... 50

O

Oakville—Load in Horsepower.......... 12

Ogoki River Diversion—Hydraulic Construction........................ 58

Oil Springs—Load in Horsepower....... 12
  Cost of Power......................122
  Credit or Charge Account............132
  Sinking Fund......................139
  Municipal Accounts........A, 211; B, 263
  Statements...............D, 314; E, 328

Oil Springs Rural Power District—Load in Horsepower.................. 15
  Miles of Line, Consumers and Rates... 47

Omemee—Load in Horsepower.......... 21
  Cost of Power......................154
  Credit or Charge Account............158
  Sinking Fund......................160
  Municipal Accounts........A, 240; B, 292
  Statements...............D, 314; E, 328

Omemee Rural Power District—Load in Horsepower..................... 22
  Miles of Line, Consumers and Rates... 50

Ontario Nickel Corporation Limited, Agreement Approved.............. 1

Ontario Power Gen. Sta.—Power Generated....................... 6

Ontario Reformatory—Cost of Power....126
  Credit or Charge Account............136
  Sinking Fund......................139

Operating Accounts:
  Re Northern Ontario Properties.......168
  Re Hamilton Street Railway.........176

Operating Conditions, Summary of...... vi

Operation of the Systems............... 4

Orangeville—Load in Horsepower....... 17
  Cost of Power......................142
  Credit or Charge Account............146
  Sinking Fund......................150
  Municipal Accounts........A, 229; B, 281
  Statements...............D, 306; E, 328

Orillia Water, Light and Power Commission—Power Purchased............ 7

Orono—Load in Horsepower............ 21
  Cost of Power......................154
  Credit or Charge Account............158
  Sinking Fund......................160
  Municipal Accounts........A, 240; B, 292
  Statements...............D, 314; E, 328

Oshawa—Load in Horsepower.......... 21
  Cost of Power......................154
  Credit or Charge Account............158
  Sinking Fund......................160
  Municipal Accounts........A, 240; B, 292
  Statements...............D, 304; E, 328

Oshawa Rural Power District—Load in Horsepower..................... 22
  Miles of Line, Consumers and Rates... 50

Otterville—Load in Horsepower........ 12
  Cost of Power......................122
  Credit or Charge Account............132
  Sinking Fund......................139
  Municipal Accounts........A, 211; B, 263
  Statements...............D, 314; E, 328

Ottawa—Load in Horsepower.......... 21
  Cost of Power......................154
  Credit or Charge Account............158
  Sinking Fund......................160
  Municipal Accounts........A, 241; B, 293
  Statements...............D, 304; E, 328

Ottawa River, Power Sites Agreement.....xi
  Power Sites, Hydraulic Studies........59

Ottawa Valley Power Co. — Power Purchased.......................... 7

Owen Sound—Load in Horsepower...... 17
  Cost of Power......................142
  Credit or Charge Account............146
  Sinking Fund......................150
  Municipal Accounts........A, 229; B, 281
  Statements...............D, 304; E, 328

Owen Sound Rural Power District—Load in Horsepower.......... 18
Miles of Line, Consumers and Rates... 49

P

Paints and Protective Coatings, Research re.......... 84
Paisley—Load in Horsepower.......... 17
Cost of Power..........144
Credit or Charge Account..........148
Sinking Fund..........150
Municipal Accounts........A, 229; B, 281
Statements..........D, 314; E, 330
Palmerston—Load in Horsepower.......... 12
Cost of Power..........122
Credit or Charge Account..........132
Sinking Fund..........139
Municipal Accounts........A, 211; B, 263
Statements..........D, 314; E, 330
Paris—Load in Horsepower.......... 12
Cost of Power..........122
Credit or Charge Account..........132
Sinking Fund..........139
Municipal Accounts........A, 211; B, 263
Statements..........D, 306; E, 330
Parkhill—Load in Horsepower.......... 12
Cost of Power..........122
Credit or Charge Account..........132
Sinking Fund..........139
Municipal Accounts........A, 212; B, 264
Statements..........D, 314; E, 330
Patricia District, Generating Plants—Power Generated.......... 6
Operation of.......... 27
Loads of Municipalities.......... 28
Diagram of Peak Loads.......... 28
Municipal Work.......... 36
Transmission Line Changes.......... 78
Fixed Assets..........171
Peak Loads, Consult Graphs in Section II. 5
Peak Loads, All Systems.......... 5
Pembroke Electric Light Co. Ltd.—Power Purchased.......... 7
Penetanguishene—Load in Horsepower.. 18
Cost of Power..........144
Credit or Charge Account..........148
Sinking Fund..........150
Municipal Accounts........A, 230; B, 282
Statements..........D, 306; E, 330
Perth—Load in Horsepower.......... 21
Cost of Power..........154
Credit or Charge Account..........158
Sinking Fund..........160
Municipal Accounts........A, 241; B, 293
Statements..........D, 306; E, 330
Peterborough—Load in Horsepower..... 21
Cost of Power..........154
Credit or Charge Account..........158
Sinking Fund..........160
Municipal Accounts........A, 241; B, 293
Statements..........D, 304; E, 330
Peterborough Rural Power District—Load in Horsepower.......... 22
Miles of Line, Consumers and Rates... 50
Petroleum Products, Research re........ 84
Petrolia—Load in Horsepower.......... 12
Municipal Work.......... 32
Cost of Power..........122
Credit or Charge Account..........132
Sinking Fund..........139
Municipal Accounts........A, 212; B, 264
Statements..........D, 306; E, 330
Picton—Load in Horsepower.......... 21
Cost of Power..........154
Credit or Charge Account..........158
Sinking Fund..........160
Municipal Accounts........A, 241; B, 293
Statements..........D, 306; E, 330
Plattsville—Load in Horsepower.......... 12
Cost of Power..........122
Credit or Charge Account..........132
Sinking Fund..........139
Municipal Accounts........A, 212; B, 264
Statements..........D, 314; E, 330
Point Edward—Load in Horsepower..... 12
Cost of Power..........122
Credit or Charge Account..........132
Sinking Fund..........139
Municipal Accounts........A, 212; B, 264
Statements..........D, 314; E, 330
Port Arthur—Load in Horsepower...... 24
Cost of Power..........162
Credit or Charge Account..........162
Sinking Fund..........164
Municipal Accounts........A, 244; B, 296
Statements..........D, 304; E, 330
Port Carling—Load in Horsepower...... 18
Cost of Power and Rates for Service...330
Port Colborne—Load in Horsepower..... 12
Municipal Work.......... 32
Cost of Power..........122
Credit or Charge Account..........132
Sinking Fund..........139
Municipal Accounts........A, 212; B, 264
Statements..........D, 306; E, 330
Port Credit—Load in Horsepower....... 12
Cost of Power..........122
Credit or Charge Account..........132
Sinking Fund..........139
Municipal Accounts........A, 213; B, 265
Statements..........D, 314; E, 330
Port Dalhousie—Load in Horsepower.... 12
Cost of Power..........122
Credit or Charge Account..........132
Sinking Fund..........139
Municipal Accounts........A, 213; B, 265
Statements..........D, 314; E, 330
Port Dover—Load in Horsepower....... 12
Cost of Power..........122
Credit or Charge Account..........132
Sinking Fund..........139
Municipal Accounts........A, 213; B, 265
Statements..........D, 314; E, 330
Port Elgin—Load in Horsepower........ 18
Cost of Power..........144
Credit or Charge Account..........148
Sinking Fund..........150
Municipal Accounts........A, 230; B, 282
Statements..........D, 306; E, 330
Port Hope—Load in Horsepower........ 21
Cost of Power..........154
Credit or Charge Account..........158
Sinking Fund..........160
Municipal Accounts........A, 241; B, 293
Statements..........D, 306; E, 330

Port McNicoll—Load in Horsepower.... 18
  Cost of Power....................144
  Credit or Charge Account............148
  Sinking Fund.....................150
  Municipal Accounts........A, 230; B, 282
  Statements................D, 314; E, 330
Port Perry—Load in Horsepower........ 18
  Cost of Power....................144
  Credit or Charge Account............148
  Sinking Fund.....................150
  Municipal Accounts........A, 230; B, 282
  Statements................D, 314; E, 330
Port Rowan—Load in Horsepower...... 12
  Cost of Power....................124
  Credit or Charge Account............134
  Sinking Fund.....................139
  Municipal Accounts........A, 213; B, 265
  Statements................D, 314; E, 330
Port Stanley—Load in Horsepower...... 12
  Cost of Power....................124
  Credit or Charge Account............134
  Sinking Fund.....................139
  Municipal Accounts........A, 213; B, 265
  Statements................D, 314; E, 330
Powassan—Load in Horsepower........ 28
  Cost of Power and Rates for Service...330
Powassan Rural Power District—Load in Horsepower.................... 29
  Miles of Line, Consumers and Rates... 51
Power Generated and Purchased, Table of 6
Power Purchased—All Systems......... 7
Power Service, Retail—Statistics re Consult Statement "D"...............300
  Rates for, Consult Statement "E".....318
Power Supplies, Additions to............vi
Prescott—Load in Horsepower.......... 21
  Cost of Power....................154
  Credit or Charge Account............158
  Sinking Fund.....................160
  Municipal Accounts........A, 241; B, 293
  Statements................D, 306; E, 330
Preston—Load in Horsepower.......... 12
  Cost of Power....................124
  Credit or Charge Account............134
  Sinking Fund.....................139
  Municipal Accounts........A, 213; B, 265
  Statements................D, 306; E, 330
Preston Rural Power District—Load in Horsepower.................... 15
  Miles of Line, Consumers and Rates... 47
Priceville—Load in Horsepower......... 18
  Cost of Power....................144
  Credit or Charge Account............148
  Sinking Fund.....................150
  Municipal Accounts........A, 230; B, 282
  Statements................D, 314; E, 330
Primary Power, Distribution of, to Systems.........................viii
Princeton—Load in Horsepower........ 12
  Cost of Power....................124
  Credit or Charge Account............134
  Sinking Fund.....................139
  Municipal Accounts........A, 213; B, 265
  Statements................D, 314; E, 330
Priorities.......................... 54
Production and Service..............80, 90
Promotional Services.................. 52
Protective Coatings, Inspection of....... 82

Q

Queenston—Load in Horsepower........ 12
  Cost of Power....................124
  Credit or Charge Account............134
  Sinking Fund.....................139
  Municipal Accounts........A, 214; B, 266
  Statements................D, 314; E, 330
Queenston-Chippawa Gen. Sta.—Power Generated..................... 6

R

Radio Interference, Research re......... 84
Ragged Rapids Gen. Sta.—Power Generated........................... 6
Rainy River Rural Power District—Miles of Line, Consumers and Rates...... 51
Ramore-Matheson—Load in Horsepower. 28
  Cost of Power and Rates for Service...330
Ranney Falls Gen. Sta.—Power Generated 6
Rates, for Rural Electrical Service...... 46
  To Urban Consumers, Consult Statement "E".......................318
Rat Rapids Gen. Sta.—Power Generated. 6
Red Lake Distribution—Load in Horsepower......................... 28
Red Lake Townsite—Cost of Power and Rates for Service.................330
Regulations, Infractions of............. 89
Reliance Fluorspar Mining Syndicate Ltd., Agreement Approved.......... 1
Remote Control of Loads, Research re... 83
Renfrew Rural Power District—Load in Horsepower..................... 22
  Miles of Line, Consumers and Rates.... 50
Research Work..............xii, 80, 83, 86
Reserves, Summary of.................xiii
  Thirty Years' Record..............xxvii
Revenue of Commission................xiv
Richmond—Load in Horsepower........ 21
  Cost of Power....................154
  Credit or Charge Account............158
  Sinking Fund.....................160
  Municipal Accounts........A, 241; B, 293
  Statements................A, 314; E, 330
Richmond Hill—Load in Horsepower.... 12
  Cost of Power....................124
  Credit or Charge Account............134
  Sinking Fund.....................139
  Municipal Accounts........A, 214; B, 266
  Statements................D, 314; E, 330
Rideau Power Co.—Power Purchased.... 7
Ridgetown—Load in Horsepower....... 12
  Cost of Power....................124
  Credit or Charge Account............134
  Sinking Fund.....................139
  Municipal Accounts........A, 214; B, 266
  Statements................D, 314; E, 330
Ridgetown Rural Power District—Load in Horsepower.................... 15
  Miles of Line, Consumers and Rates... 47
Right-of-Way and Property........... 2
Ripley—Load in Horsepower........... 18
  Municipal Work.................... 34
  Cost of Power....................144
  Credit or Charge Account............148
  Sinking Fund.....................150
  Municipal Accounts........A, 231; B, 283
  Statements................D, 314; E, 330

Riverside—Load in Horsepower.......... 12
  Cost of Power.......................124
  Credit or Charge Account............134
  Sinking Fund........................139
  Municipal Accounts........A, 214; B, 266
  Statements................D, 306; E, 330
Rockwood—Load in Horsepower......... 12
  Cost of Power.......................124
  Credit or Charge Account............134
  Sinking Fund........................139
  Municipal Accounts........A, 214; B, 266
  Statements................D, 314; E, 330
Rodney—Load in Horsepower........... 12
  Cost of Power.......................124
  Credit or Charge Account............134
  Sinking Fund........................139
  Municipal Accounts........A, 215; B, 267
  Statements................D, 314; E, 330
Rosseau—Load in Horsepower........... 18
  Cost of Power.......................144
  Credit or Charge Account............148
  Sinking Fund........................150
  Municipal Accounts........A, 231; B, 283
  Statements................D, 314; E, 330
Rural Construction, Curtailed...........xii
Rural Electrical Service................ 37
  Electrical Appliances in Use.......... 40
  Standard Number of Consumers per Mile........................... 41
  Cabin Service....................... 41
  Maximum Consumption Charge....... 41
  Low Third Consumption Rate for Long-Hour Users..................... 42
  Average Cost to Rural Consumers Decreasing...................... 42
  Hamlet Service, Statistics re.......... 42
  Farm Service, Statistics re............ 43
  Rural Loans......................... 43
  Extensions Approved................ 44
Rural Power Districts—
  Rural Primary Lines Approved........ 38
  Aggregate Peak Loads............... 39
  Classification of Services............. 45
  Summary of Construction in.......... 79
  Capital Expenditures and Grants......107
Russell—Load in Horsepower........... 21
  Cost of Power.......................154
  Credit or Charge Account............158
  Sinking Fund........................160
  Municipal Accounts........A, 242; B, 294
  Statements................D, 314; E, 330

S

St. Catharines—Load in Horsepower..... 12
  Cost of Power.......................124
  Credit or Charge Account............134
  Sinking Fund........................139
  Municipal Accounts........A, 215; B, 267
  Statements................D, 304; E, 332
St. Clair Beach—Load in Horsepower.... 12
  Cost of Power.......................124
  Credit or Charge Account............134
  Sinking Fund........................139
  Municipal Accounts........A, 215; B, 267
  Statements................D, 314; E, 332
St. Clair District—Transmission Line Changes.......................... 75
St. George—Load in Horsepower........ 12
  Cost of Power.......................124
  Credit or Charge Account............134
  Sinking Fund........................139
  Municipal Accounts........A, 215; B, 267
  Statements................D, 314; E, 332
St. Jacobs—Load in Horsepower........ 12
  Cost of Power.......................124
  Credit or Charge Account............134
  Sinking Fund........................139
  Municipal Accounts........A, 215; B, 267
  Statements................D, 314; E, 332
St. Jacobs Rural Power District—Load in Horsepower...................... 15
  Miles of Line, Consumers and Rates... 47
St. Lawrence District—Transmission Line Changes......................... 77
St. Marys—Load in Horsepower......... 12
  Cost of Power.......................124
  Credit or Charge Account............134
  Sinking Fund........................139
  Municipal Accounts........A, 215; B, 267
  Statements................D, 306; E, 332
St. Marys Rural Power District—Load in Horsepower...................... 15
  Miles of Line, Consumers and Rates... 48
St. Marys District—Transmission Line Changes......................... 75
St. Mary's Cement Co. Ltd., Agreement Approved......................... 1
St. Thomas—Load in Horsepower....... 12
  Cost of Power.......................124
  Credit or Charge Account............134
  Sinking Fund........................139
  Municipal Accounts........A, 216; B, 268
  Statements................D, 304; E, 332
St. Thomas Rural Power District—Load in Horsepower..................... 15
  Miles of Line, Consumers and Rates... 48
Sales of Lamps and Equipment......... 54
Saltfleet Rural Power District—Load in Horsepower...................... 15
  Miles of Line, Consumers and Rates.... 48
Sandwich Rural Power District—Load in Horsepower...................... 15
  Miles of Line, Consumers and Rates... 48
Sandwich, Windsor & Amherstburg Railway, Sinking Fund................139
Sarnia—Load in Horsepower......... 12
  Cost of Power.......................124
  Credit or Charge Account............134
  Sinking Fund........................139
  Municipal Accounts........A, 216; B, 268
  Statements................D, 304; E, 332
Sarnia Rural Power District—Load in Horsepower...................... 15
  Miles of Line, Consumers and Rates.... 48
Scarborough Township—Load in Horsepower.......................... 12
  Municipal Work...................... 32
  Cost of Power.......................124
  Credit or Charge Account............134
  Sinking Fund........................139
  Municipal Accounts........A, 216; B, 268
  Statements................D, 314; E, 332

Seaforth—Load in Horsepower.......... 12
  Cost of Power.......................124
  Credit or Charge Account............134
  Sinking Fund........................139
  Municipal Accounts........A, 216; B, 268
  Statements................D, 314; E, 332
Seaforth Rural Power District—Load in Horsepower...................... 15
  Miles of Line, Consumers and Rates... 48
Secondary Power, Distribution of, to Systems..........................ix
Service Charge, Consult Statement "E"..318
  In Rural Power Districts............. 46
Severn District—Transmission Line Changes........................ 77
Seymour Gen. Sta.—Power Generated... 6
Shelburne—Load in Horsepower........ 18
  Cost of Power.......................144
  Credit or Charge Account............148
  Sinking Fund........................150
  Municipal Accounts........A, 231; B, 283
  Statements................D, 314; E, 332
Shelburne Rural Power District—Load in Horsepower...................... 19
  Miles of Line, Consumers and Rates... 49
Sidney Gen. Sta.—Power Generated..... 6
Sills Island Gen. Sta.—Power Generated.. 6
Simcoe—Load in Horsepower........... 12
  Cost of Power.......................124
  Credit or Charge Account............134
  Sinking Fund........................139
  Municipal Accounts........A, 217; B, 269
  Statements................D, 306; E, 332
Simcoe Rural Power District—Load in Horsepower...................... 15
  Miles of Line, Consumers and Rates... 48
Sioux Lookout—Load in Horsepower.... 28
  Municipal Accounts........A, 245; B, 297
  Statements................D, 314; E, 332
Smiths Falls—Load in Horsepower...... 21
  Cost of Power.......................154
  Credit or Charge Account............158
  Sinking Fund........................160
  Municipal Accounts........A, 242; B, 294
  Statements................D, 306; E, 332
Smiths Falls Rural Power District—Load in Horsepower.................... 22
  Miles of Line, Consumers and Rates... 51
Smithville—Load in Horsepower........ 12
  Cost of Power.......................124
  Credit or Charge Account............134
  Sinking Fund........................139
  Municipal Accounts........A, 217; B, 269
  Statements................D, 314; E, 332
Southampton—Load in Horsepower..... 18
  Cost of Power.......................144
  Credit or Charge Account............148
  Sinking Fund........................150
  Municipal Accounts........A, 231; B, 283
  Statements................D, 314; E. 332
South Falls Gen. Sta.—Power Generated. 6
Sparrow Lake Rural Power District—Load in Horsepower.............. 19
  Miles of Line, Consumers and Rates... 49
Specifications and Committee Work..... 88
Springfield—Load in Horsepower........ 12
  Cost of Power.......................124
  Credit or Charge Account............134
  Sinking Fund........................139
  Municipal Accounts........A, 217; B, 269
  Statements................D, 314; E, 332
Stamford Township—Load in Horsepower 12
  Cost of Power.......................124
  Credit or Charge Account............134
  Sinking Fund........................139
  Municipal Accounts........A, 217; B, 269
  Statements................D, 314; E, 332
Statement "A" Utility Balance Sheets...194
Statement "B" Utility Operating Reports.246
Statement "C" Street Lighting...Suspended
Statement "D" Statistics re Utilities' Consumers......................300
Statement "E" Rates to Utilities' Consumers......................318
Statistics, Electrical Inspection Department..................... 88
Stayner—Load in Horsepower.......... 18
  Cost of Power.......................144
  Credit or Charge Account............148
  Sinking Fund........................150
  Municipal Accounts........A, 231; B, 283
  Statements................D, 316; E, 332
Steel and Timber, Inspection of......... 82
Steep Rock Iron Ore Development Act, 1942, The.....................1, 336
Stinson Gen. Sta.—Power Generated.... 6
Stirling—Load in Horsepower........... 21
  Cost of Power.......................154
  Credit or Charge Account............158
  Sinking Fund........................160
  Municipal Accounts........A, 242; B, 294
  Statements................D, 316; E, 332
Stoney Creek—Load in Horsepower..... 12
  Cost of Power and Rates for Service...332
Stouffville—Load in Horsepower........ 13
  Cost of Power.......................124
  Credit or Charge Account............134
  Sinking Fund........................139
  Municipal Accounts........A, 217; B, 269
  Statements................D, 316; E, 332
Stratford—Load in Horsepower......... 13
  Cost of Power.......................124
  Credit or Charge Account............134
  Sinking Fund........................139
  Municipal Accounts........A, 217; B, 269
  Statements................D, 304; E, 332
Stratford District — Transmission Line Changes....................... 75
Stratford Rural Power District — Load in Horsepower.................. 15
  Miles of Line, Consumers and Rates... 48
Strathcona Paper Co. Ltd., Agreement Approved........................ 1
Strathroy—Load in Horsepower........ 13
  Cost of Power.......................124
  Credit or Charge Account............134
  Sinking Fund........................139
  Municipal Accounts........A, 217; B, 269
  Statements................D, 306; E, 332

Strathroy Rural Power District—Load in Horsepower.... 15
  Miles of Line, Consumers and Rates... 48
Streetsville—Load in Horsepower.... 13
  Cost of Power.... 124
  Credit or Charge Account.... 134
  Sinking Fund.... 139
  Municipal Accounts.... A, 218; B, 270
  Statements.... D, 316; E, 332
Streetsville Rural Power District — Load in Horsepower.... 15
  Miles of Line, Consumers and Rates... 48
Structural Equipment, Inspection of.... 82
Sudbury—Load in Horsepower.... 28
  Municipal Accounts.... A, 245; B, 297
  Statements.... D, 304; E, 332
Sudbury-Copper Cliff Suburban Electric Railway, Agreement Approved.... 1
Sudbury District Generating Plants—
  Power Generated.... 6
  Operation of.... 25
  Diagram of Peak Loads.... 26
  Loads of Municipalities.... 28
  Rural Power District Loads.... 29
  Municipal Work.... 36
  Transmission Line Changes.... 77
  Fixed Assets.... 170
Sudbury Rural Power District—Load in Horsepower.... 29
  Miles of Line, Consumers and Rates... 51
Sulphide Rural Power District—Load in Horsepower.... 22
  Miles of Line, Consumers and Rates... 51
Sunderland—Load in Horsepower.... 18
  Cost of Power.... 144
  Credit or Charge Account.... 148
  Sinking Fund.... 150
  Municipal Accounts.... A, 231; B, 283
  Statements.... D, 316; E, 332
Survey Work.... 3
Sutton—Load in Horsepower.... 13
  Cost of Power.... 124
  Credit or Charge Account.... 134
  Sinking Fund.... 139
  Municipal Accounts.... A, 218; B, 270
  Statements.... D, 316; E, 332
Swansea—Load in Horsepower.... 13
  Cost of Power.... 124
  Credit or Charge Account.... 134
  Sinking Fund.... 139
  Municipal Accounts.... A, 218; B, 270
  Statements.... D, 306; E, 332

T

Tara—Load in Horsepower.... 18
  Cost of Power.... 144
  Credit or Charge Account.... 148
  Sinking Fund.... 150
  Municipal Accounts.... A, 231; B, 283
  Statements.... D, 316; E, 332
Tara Rural Power District—Load in Horsepower.... 19
  Miles of Line, Consumers and Rates... 49
Tavistock—Load in Horsepower.... 13
  Cost of Power.... 124
  Credit or Charge Account.... 134
  Sinking Fund.... 139
  Municipal Accounts.... A, 218; B, 270
  Statements.... D, 316; E, 332

Tavistock Rural Power District—Load in Horsepower.... 15
  Miles of Line, Consumers and Rates... 48

Teck Rural Power District—Miles of Line, Consumers and Rates.... 51

Tecumseh—Load in Horsepower.... 13
  Cost of Power.... 124
  Credit or Charge Account.... 134
  Sinking Fund.... 139
  Municipal Accounts.... A, 218; B, 270
  Statements.... D, 306; E, 332

Teeswater—Load in Horsepower.... 18
  Cost of Power.... 144
  Credit or Charge Account.... 148
  Sinking Fund.... 150
  Municipal Accounts.... A, 232; B, 284
  Statements.... D, 316; E, 332

Telephone Lines—All Systems.... 78

Testing, Routine and General.... 80, 81

Thamesford—Load in Horsepower.... 13
  Municipal Work.... 32
  Cost of Power.... 124
  Credit or Charge Account.... 134
  Sinking Fund.... 139
  Municipal Accounts.... A, 219; B, 271
  Statements.... D, 316; E, 332

Thamesville—Load in Horsepower.... 13
  Cost of Power.... 124
  Credit or Charge Account.... 134
  Sinking Fund.... 139
  Municipal Accounts.... A, 219; B, 271
  Statements.... D, 316; E, 332

Thedford—Load in Horsepower.... 13
  Cost of Power.... 124
  Credit or Charge Account.... 134
  Sinking Fund.... 139
  Municipal Accounts.... A, 219; B, 271
  Statements.... D, 316; E, 332

Thorndale—Load in Horsepower.... 13
  Cost of Power.... 124
  Credit or Charge Account.... 134
  Sinking Fund.... 139
  Municipal Accounts.... A, 219; B, 271
  Statements.... D, 316; E, 332

Thornton—Load in Horsepower.... 18
  Cost of Power.... 144
  Credit or Charge Account.... 148
  Sinking Fund.... 150
  Municipal Accounts.... A, 232; B, 284
  Statements.... D, 316; E, 332

Thorold—Load in Horsepower.... 13
  Cost of Power.... 126
  Credit or Charge Account.... 136
  Sinking Fund.... 139
  Municipal Accounts.... A, 219; B, 271
  Statements.... D, 306; E, 332

Thorold District — Transmission Line Changes.... 76

Thunder Bay Rural Power District—Load in Horsepower.... 24
  Miles of Line, Consumers and Rates... 51

Thunder Bay System—Comparative Financial Statements, two years........xvi
  Summary Statements Respecting Utilities........................xviii
  Generating Plants—Power Generated.. 6
  Operation of........................ 23
  Diagram of Peak Loads.............. 23
  Loads of Municipalities.............. 24
  Rural Power District Loads........... 24
  Municipal Work..................... 35
  Miles of Line, Consumers and Rates... 51
  Total Mileage of Transmission Lines... 73
  Transmission Line Changes........... 77
  Rural Power Districts, Summary of Construction in................... 79
  Statement of Operations.............100
  Fixed Assets........................105
  Power Accounts Receivable..........108
  Renewals Reserves..................113
  Contingencies and Obsolescence Reserves........................113
  Stabilization of Rates Reserves.......115
  Sinking Fund Reserves...............115
  Cost of Power Table..................162
  Credit or Charge Table..............162
  Sinking Fund Equities...............164
  Rural Operating Report..............164
  Utilities Balance Sheets.............244
  Utilities Operating Reports...........296
Tilbury—Load in Horsepower.......... 13
  Municipal Work..................... 33
  Cost of Power.......................126
  Credit or Charge Account............136
  Sinking Fund........................139
  Municipal Accounts........A, 219; B, 271
  Statements...............D, 316; E, 332
Tillsonburg—Load in Horsepower....... 13
  Cost of Power.......................126
  Credit or Charge Account............136
  Sinking Fund........................139
  Municipal Accounts........A, 219; B, 271
  Statements...............D, 306; E, 332
Tillsonburg Rural Power District—Load in Horsepower................... 15
  Miles of Line, Consumers and Rates... 48
Tombill Gold Mines Ltd., Agreement Approved....................... 1
Toronto—Load in Horsepower.......... 13
  Cost of Power.......................126
  Credit or Charge Account............136
  Sinking Fund........................139
  Municipal Accounts........A, 220; B, 272
  Statements...............D, 304; E, 334
Toronto and Fairbank Districts—Transmission Line Changes.............. 75
Toronto and Leaside Districts—Transmission Line Changes............ 75
Toronto Power Gen. Station — Power Generated........................ 6
Toronto Township—Load in Horsepower. 13
  Cost of Power.......................126
  Credit or Charge Account............136
  Sinking Fund........................139
  Municipal Accounts........A, 220; B, 272
  Statements...............D, 316; E, 334
Toronto Transportation Commission:
  Cost of Power.......................126
  Credit or Charge Account............136
  Sinking Fund........................139
Tottenham—Load in Horsepower....... 18
  Cost of Power.......................144
  Credit or Charge Account............148
  Sinking Fund........................150
  Municipal Accounts........A, 232; B, 284
  Statements...............D, 316; E, 334
Trafalgar Township Area No. 1—Load in Horsepower................... 13
  Cost of Power.......................126
  Credit or Charge Account............136
  Sinking Fund........................139
  Municipal Accounts........A, 220; B, 272
  Statements...............D, 316; E, 334
Trafalgar Township Area No. 2—Load in Horsepower................... 13
  Cost of Power.......................126
  Credit or Charge Account............136
  Sinking Fund........................139
  Municipal Accounts........A, 220; B, 272
  Statements...............D, 316; E, 334
Transformer Changes, Tabulation of..... 71
Transmission Line Changes and Additions 74
Transmission Line Materials, Inspection of.............................. 81
Transmission Networks, Extension to.... x
Transport, Department of — Power Purchased....................... 7
Trenton—Load in Horsepower.......... 21
  Municipal Work..................... 35
  Cost of Power.......................154
  Credit or Charge Account............158
  Sinking Fund........................160
  Municipal Accounts........A, 242; B, 294
  Statements...............D, 306; E, 334
Trethewey Falls Generating Station—Rehabilitation.................... 60
  Power Generated.................... 6
Tweed—Load in Horsepower........... 21
  Municipal Work..................... 35
  Cost of Power.......................154
  Credit or Charge Account............158
  Sinking Fund........................160
  Municipal Accounts........A, 242; B, 294
  Statements...............D, 316; E, 334

U

Utterson Rural Power District—Load in Horsepower................... 19
  Miles of Line, Consumers and Rates... 49
Uxbridge—Load in Horsepower......... 18
  Cost of Power.......................144
  Credit or Charge Account............148
  Sinking Fund........................150
  Municipal Accounts........A, 232; B, 284
  Statements...............D, 316; E, 334
Uxbridge Rural Power District—Load in Horsepower..................... 19
  Miles of Line, Consumers and Rates... 49

V

Vibration of Conductors, Research re 83
Victoria Harbour—Load in Horsepower18
  Cost of Power.......................144
  Credit or Charge Account............148
  Sinking Fund........................150
  Municipal Accounts........A, 232; B, 284
  Statements...............D, 316; E, 334

W

Walkerton—Load in Horsepower... 18
  Cost of Power... 144
  Credit or Charge Account... 148
  Sinking Fund... 150
  Municipal Accounts... A, 233; B, 285
  Statements... D, 306; E, 334
Walkerton Gen. Sta.—Power Generated... 6
Wallaceburg—Load in Horsepower... 13
  Cost of Power... 126
  Credit or Charge Account... 136
  Sinking Fund... 139
  Municipal Accounts... A, 221; B, 273
  Statements... D, 306; E, 334
Wallaceburg Rural Power District—Load in Horsepower... 15
  Miles of Line, Consumers and Rates... 48
Walsingham Rural Power District—Load in Horsepower... 15
  Miles of Line, Consumers and Rates... 48
Walton Rural Power District—Load in Horsepower... 15
  Miles of Line, Consumers and Rates... 48
War Activities... v
War Services... 52
Wardsville—Load in Horsepower... 13
  Cost of Power... 126
  Credit or Charge Account... 136
  Sinking Fund... 139
  Municipal Accounts... A, 221; B, 273
  Statements... D, 316; E, 334
Warkworth—Load in Horsepower... 21
  Cost of Power... 154
  Credit or Charge Account... 158
  Sinking Fund... 160
  Municipal Accounts... A, 243; B, 295
  Statements... D, 316; E, 334
Wasaga Beach Rural Power District—Load in Horsepower... 19
  Miles of Line, Consumers and Rates... 49
Wasdells Falls Gen. Sta.—Power Generated... 6

Waterdown—Load in Horsepower... 13
  Cost of Power... 126
  Credit or Charge Account... 136
  Sinking Fund... 139
  Municipal Accounts... A, 221; B, 273
  Statements... D, 316; E, 334

Waterdown Rural Power District—Load in Horsepower... 15
  Miles of Line, Consumers and Rates... 48

Waterford—Load in Horsepower... 13
  Cost of Power... 126
  Credit or Charge Account... 136
  Sinking Fund... 139
  Municipal Accounts... A, 221; B, 273
  Statements... D, 316; E, 334

Waterloo—Load in Horsepower... 13
  Cost of Power... 126
  Credit or Charge Account... 136
  Sinking Fund... 139
  Municipal Accounts... A, 221; B, 273
  Statements... D, 306; E, 334

Watford—Load in Horsepower... 13
  Cost of Power... 126
  Credit or Charge Account... 136
  Sinking Fund... 139
  Municipal Accounts... A, 221; B, 273
  Statements... D, 316; E, 334

Waubaushene—Load in Horsepower... 18
  Cost of Power... 144
  Credit or Charge Account... 148
  Sinking Fund... 150
  Municipal Accounts... A, 233; B, 285
  Statements... D, 316; E, 334

Welding, Electric, Research re... 84

Welland—Load in Horsepower... 13
  Rural Lines... 141
  Cost of Power... 126
  Credit or Charge Account... 136
  Sinking Fund... 139
  Municipal Accounts... A, 221; B, 273
  Statements... D, 304; E, 334

Welland District — Transmission Line Changes... 76

Welland Rural Power District—Load in Horsepower... 15
  Miles of Line. Consumers and Rates... 48

Wellesley—Load in Horsepower... 13
  Cost of Power... 126
  Credit or Charge Account... 136
  Sinking Fund... 139
  Municipal Accounts... A, 222; B, 274
  Statements... D, 316; E, 334

Wellington—Load in Horsepower... 21
  Cost of Power... 154
  Credit or Charge Account... 158
  Sinking Fund... 160
  Municipal Accounts... A, 243; B, 295
  Statements... D, 316; E, 334

Wellington Rural Power District—Load in Horsepower... 22
  Miles of Line, Consumers and Rates... 51

West Lorne—Load in Horsepower... 13
  Cost of Power... 126
  Credit or Charge Account... 136
  Sinking Fund... 139
  Municipal Accounts... A, 222; B, 274
  Statements... D, 316; E, 334

Weston—Load in Horsepower... 13
  Cost of Power... 126
  Credit or Charge Account... 136
  Sinking Fund... 139
  Municipal Accounts... A, 222; B, 274
  Statements... D, 306; E, 334

Westport—Load in Horsepower... 21
  Cost of Power... 154
  Credit or Charge Account... 158
  Sinking Fund... 160
  Municipal Accounts... A, 243; B, 295
  Statements... D, 316; E, 334

Wheatley—Load in Horsepower... 13
  Cost of Power... 126
  Credit or Charge Account... 136
  Sinking Fund... 139
  Municipal Accounts... A, 222; B, 274
  Statements... D, 316; E, 334

Whitby—Load in Horsepower... 21
  Cost of Power... 154
  Credit or Charge Account... 158
  Sinking Fund... 160
  Municipal Accounts... A, 243; B, 295
  Statements... D, 306; E, 334

Wiarton—Load in Horsepower.......... 18
  Cost of Power......................144
  Credit or Charge Account............148
  Sinking Fund.......................150
  Municipal Accounts........A, 233; B, 285
  Statements...............D, 316; E, 334
Williamsburg—Load in Horsepower..... 21
  Cost of Power......................154
  Credit or Charge Account............158
  Sinking Fund.......................160
  Municipal Accounts........A, 243; B, 295
  Statements...............D, 316; E, 334
Winchester—Load in Horsepower....... 21
  Cost of Power......................154
  Credit or Charge Account............158
  Sinking Fund.......................160
  Municipal Accounts........A, 243; B, 295
  Statements...............D, 316; E, 334
Winchester Rural Power District—Load in Horsepower.................. 22
  Miles of Line, Consumers and Rates... 51
Windermere—Load in Horsepower...... 18
  Cost of Power......................144
  Credit or Charge Account............148
  Sinking Fund.......................150
  Municipal Accounts........A, 233; B, 285
  Statements...............D, 316; E, 334
Windsor—Load in Horsepower.......... 13
  Municipal Work.................... 33
  Cost of Power......................126
  Credit or Charge Account............136
  Sinking Fund.......................139
  Municipal Accounts........A, 222; B, 274
  Statements...............D, 304; E, 334
Wingham—Load in Horsepower......... 18
  Cost of Power......................144
  Credit or Charge Account............148
  Sinking Fund.......................150
  Municipal Accounts........A, 233; B, 285
  Statements...............D, 306; E, 334
Woodbridge—Load in Horsepower....... 13
  Cost of Power......................126
  Credit or Charge Account............136
  Sinking Fund.......................139
  Municipal Accounts........A, 223; B, 275
  Statements...............D, 316; E, 334
Woodbridge Rural Power District—Load in Horsepower.................. 15
  Miles of Line, Consumers and Rates... 48
Wooden Transmission Structures, Treatment of....................... 85
Woodstock—Load in Horsepower....... 13
  Municipal Work.................... 33
  Cost of Power......................126
  Credit or Charge Account............136
  Sinking Fund.......................139
  Municipal Accounts........A, 223; B, 275
  Statements...............D, 304; E, 334
Woodstock Rural Power District—Load in Horsepower.................. 15
  Miles of Line, Consumers and Rates... 48
Woodville—Load in Horsepower........ 18
  Cost of Power......................144
  Credit or Charge Account............148
  Sinking Fund.......................150
  Municipal Accounts........A, 233; B, 285
  Statements...............D, 316; E, 334
Wroxeter Rural Power District—Load in Horsepower.................. 19
  Miles of Line, Consumers and Rates... 49
Wyoming—Load in Horsepower......... 13
  Cost of Power......................126
  Credit or Charge Account............136
  Sinking Fund.......................139
  Municipal Accounts........A, 223; B, 275
  Statements...............D, 316; E, 334

Y

York District — Transmission Line Changes......................... 75
York, East, Township (See East York Township)
York, North, Township (See North York Township)
York Township—Load in Horsepower.. 13
  Municipal Work.................... 33
  Cost of Power......................126
  Credit or Charge Account............136
  Sinking Fund.......................139
  Municipal Accounts........A, 223; B, 275
  Statements...............D, 316; E, 334
Young's Point Gen. Sta.—Power Generated...................... 6

Z

Zurich—Load in Horsepower........... 13
  Cost of Power......................126
  Credit or Charge Account............136
  Sinking Fund.......................139
  Municipal Accounts........A, 223; B, 275
  Statements...............D, 316; E, 334

# PROVINCIAL AUDITOR'S REPORT

1941-42

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 27, 1943

ONTARIO

TORONTO
Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty
1943

To The Honourable Albert Matthews,
Lieutenant-Governor of the Province of Ontario

May It Please Your Honour:

The undersigned has the honour to present to Your Honour the Report of the Provincial Auditor for the year ended March 31st, 1942.

Respectfully submitted,
M. F. Hepburn,
*Treasurer*

Treasury Department, Ontario
January 8th, 1943

Provincial Auditor's Office,
January 8th, 1943

To The Honourable M. F. Hepburn,
*Provincial Treasurer*

Sir:

I have the honour to submit, for the information of the Legislative Assembly, my report for the year ended March 31st, 1942, in accordance with the requirements of The Audit Act.

Respectfully submitted,
H. A. Cotnam, C.A.,
*Provincial Auditor*

# TABLE OF CONTENTS

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PAGE

(A) Legal Opinion—
*Re* Sinking Fund Investments - - 7

(B) Treasury Board Minutes - - - - 11

(C) Special Warrants - - - - - 17

# (A)

# LEGAL OPINION

## Re SINKING FUND INVESTMENTS

OFFICE OF PROVINCIAL AUDITOR

Toronto, September 23rd, 1941

C. R. Magone, Esq.,
Department of the Attorney-General,
Buildings.

*Re: Sinking Fund Investments*

Dear Mr. Magone:

The Province of Ontario has agreed to purchase the Sterling 4 and 4½% Inscribed Stock which forms part of the securities formerly held by the residents of the United Kingdom and later vested in the British Government under the terms of the Acquisition of Securities Order of October, 1939.

May I have your opinion as to whether the above noted Inscribed Stock may be acquired and held as an investment of the "AM" and "AN" Sinking Funds of the Province.

Yours very truly,

(Sgd.) H. A. COTNAM,

*Provincial Auditor*

## DEPARTMENT OF THE ATTORNEY-GENERAL OF ONTARIO

| | | | |
|---|---|---|---|
| MEMO FROM | C. R. MAGONE | SUBJECT | *Sinking Fund Investments* |
| To | H. A. Cotnam, Esq.,<br>Provincial Auditor | DATE | September 24th, 1941 |

---

I have your letter of September 23rd asking for an opinion as to whether the Province of Ontario may properly acquire its own Sterling 4 and 4½% Inscribed Stock as an investment of the "AM" and "AN" Sinking Funds.

I am of the opinion that this is quite within the right of the Province, and there can be no possible objection to the Province so doing.

(Sgd.) C. R. MAGONE

## (B)

## TREASURY BOARD MINUTES

## (B)

# TREASURY BOARD MINUTES

### STATEMENT OF TREASURY BOARD MINUTES ISSUED FOR EXPENDITURES IN EXCESS OF APPROPRIATIONS, DURING THE FISCAL YEAR ENDED MARCH 31st, 1942

| | WARRANT | EXPENDED |
|---|---|---|
| **Department of Agriculture** | | |
| Main Office: | | |
| Services and Expenses *re* Agricultural Work, etc. | $ 3,600 00 | $ 3,262 43 |
| Administration, etc., *re* Corn Borer Control, etc. | 2,000 00 | 1,995 35 |
| Statistics and Publications Branch: | | |
| Maintenance | 350 00 | 340 31 |
| Agricultural and Horticultural Societies Branch: | | |
| Travelling Expenses | 700 00 | 400 36 |
| Live Stock Branch: | | |
| Educational and Demonstration Work, etc. | 9,500 00 | 8,950 06 |
| Institutes Branch: | | |
| Salaries | 1,000 02 | 1,000 02 |
| Milk Control Board: | | |
| Allowances to Members of the Board | 75 00 | 50 00 |
| Maintenance | 200 00 | 152 49 |
| Fruit Branch: | | |
| Fruit Work, including Expenditure under The Plant Diseases Act, etc. | 1,300 00 | 1,289 58 |
| Crops, Seeds and Weeds Branch: | | |
| Demonstrations, Purchases of Seed and Equipment, Services, etc., Enforcement of The Weed Control Act and Crop Improvement Work | 950 00 | 949 21 |
| Kemptville Agricultural School: | | |
| General Office—Salaries | 150 00 | 146 00 |
| Western Ontario Experimental Farm, Ridgetown: | | |
| Salaries | 2,300 00 | 2,300 00 |
| Purchase of Stock and Equipment, etc. | 1,000 00 | 992 51 |
| Demonstration Farm, New Liskeard: | | |
| Maintenance, Wages, etc., Equipment and Miscellaneous Expenses | 800 00 | 799 66 |
| **Department of Attorney-General** | | |
| Main Office: | | |
| Maintenance | 1,000 00 | 638 45 |
| Supreme Court of Ontario: | | |
| Salaries—Judges' Staff | 300 00 | 175 00 |
| Shorthand Reporters: | | |
| Salaries, including Allowance in Lieu of Stationery | 800 00 | 772 50 |
| Land Titles Office: | | |
| Salaries | 300 00 | 286 55 |
| Criminal Justice Accounts: | | |
| Magistrates and Justices of the Peace—Travelling Expenses and Contingencies | 2,500 00 | 2,448 07 |
| Public Trustee's Office: | | |
| Salaries | 10,000 00 | 9,654 19 |
| Auditor's Fees | 3,900 00 | 3,892 39 |
| Maintenance | 14,500 00 | 14,495 70 |
| Inspector of Legal Offices: | | |
| Inspector's Office—Travelling Expenses | 500 00 | 471 67 |
| Local Masters of Titles Offices—Forms, Copying and Contingencies | 1,250 00 | 1,227 58 |
| Law Enforcement Branch: | | |
| Ontario Provincial Police— | | |
| Salaries | 91,000 00 | 84,428 64 |
| Maintenance | 135,000 00 | 118,321 88 |
| Ontario Securities Commission: | | |
| Services, Expenses, Valuations, etc. | 1,150 00 | 1,137 29 |
| Travelling Expenses | 1,150 00 | 1,030 62 |
| Maintenance | 300 00 | 271 80 |

## Department of Education

| | WARRANT | EXPENDED |
|---|---|---|
| Main Office: | | |
| Consolidation and Revision of Education Acts, etc. | $ 300 00 | $ 193 87 |
| Compensation for Injured Workmen | 500 00 | 139 00 |
| Public and Separate School Education: | | |
| Assisted Public and Separate Schools—Grants, etc. | 30,000 00 | 29,995 11 |
| Grants to Boards for Transportation of Pupils | 17,000 00 | 16,622 25 |
| Kindergarten Classes—Grants, etc. | 1,800 00 | 1,623 40 |
| Consolidated Schools—Grants, etc. | 3,200 00 | 3,160 69 |
| Correspondence Courses—Salaries and Maintenance | 3,500 00 | 2,040 32 |
| Auxiliary Classes—Grants, etc. | 16,500 00 | 16,361 70 |
| Inspection of Schools Branch: | | |
| Travelling and Moving Expenses of Inspectors, etc. | 23,500 00 | 23,499 17 |
| Departmental Examinations Branch: | | |
| Assistants in Connection with Examinations | 10,000 00 | 7,148 98 |
| Training Schools Branch: | | |
| Travelling Expenses of Normal School Students and Masters and for Nature Study | 750 00 | 745 01 |
| Normal and Model Schools: | | |
| Toronto—Travelling Expenses | 200 00 | 116 42 |
| Hamilton—Salaries | 700 00 | 250 00 |
| Vocational Education Branch: | | |
| Travelling Expenses | 3,500 00 | 2,225 54 |
| Grants and Maintenance— | | |
| Manual Training and Household Science | 4,500 00 | 4,146 77 |
| Home Economics and General Shop Work | 25,000 00 | 17,102 85 |
| Grant—National Society of the Deaf and Hard of Hearing | 3,850 00 | 3,850 00 |
| Ontario School for the Blind, Brantford: | | |
| Travelling Expenses | 150 00 | 149 27 |

## Department of Game and Fisheries

| | WARRANT | EXPENDED |
|---|---|---|
| Wolf Bounty, Services and Expenses, etc. | 1,000 00 | 593 77 |

## Department of Health

| | WARRANT | EXPENDED |
|---|---|---|
| Main Office: | | |
| County Health Units— | | |
| Maintenance and Expenses, etc., of Health Officers Taking Instruction | 7,500 00 | 4,770 15 |
| Cancer Control— | | |
| Salaries | 200 00 | 121 40 |
| Grant—Hendry-Connell Research Foundation | 21,000 00 | 21,000 00 |
| Dental Service Branch: | | |
| Travelling Expenses | 700 00 | 238 61 |
| Grants—for School Dental Service | 1,000 00 | 315 26 |
| Inspection of Training Schools for Nurses Branch: | | |
| Maintenance | 300 00 | 43 38 |
| Epidemiological Branch: | | |
| Salaries | 1,000 00 | 395 24 |
| Travelling Expenses | 400 00 | 218 26 |
| Outbreaks of Diseases, etc. | 40,000 00 | 25,352 80 |
| Venereal Diseases Branch: | | |
| Travelling Expenses | 600 00 | 229 95 |
| Tuberculosis Prevention Branch: | | |
| Maintenance | 10,700 00 | 7,976 86 |
| Tuberculosis Prevention Extension | 12,000 00 | 11,983 36 |
| Belleville Unit— | | |
| Travelling Expenses | 300 00 | 109 96 |
| Maintenance | 400 00 | 202 29 |
| Industrial Hygiene Branch: | | |
| Travelling Expenses | 500 00 | 80 42 |
| Maintenance | 12,500 00 | 11,653 15 |
| Laboratory Branch: | | |
| Travelling Expenses | 1,500 00 | 957 14 |
| Maintenance | 11,000 00 | 8,370 71 |
| Laboratory Divisions: | | |
| Ottawa— | | |
| Salaries | 2,000 00 | 1,043 30 |
| Travelling Expenses | 300 00 | 280 48 |

| | WARRANT | EXPENDED |
|---|---|---|
| Laboratory Divisions (Cont'd): | | |
| North Bay— | | |
| Travelling Expenses | $ 200 00 | $ 66 18 |
| Hospitals Branch: | | |
| General Office— | | |
| Salaries | 10,000 00 | 7,726 22 |
| Travelling Expenses | 2,000 00 | 1,243 70 |
| Compensation for Injured Workmen | 1,000 00 | 622 46 |
| Grants, etc.— | | |
| Special Grants to Municipalities in Territorial Districts | 17,500 00 | 17,500 00 |
| General Expenses—Ontario Hospitals— | | |
| Board of Examiners, Training School for Nurses | 500 00 | 180 12 |
| Removal and Examination of Patients, etc | 1,500 00 | 661 07 |
| Printing and Stationery | 5,000 00 | 4,913 16 |
| Grants to Schools for Education of Children of Ontario Hospitals' Staff | 1,900 00 | 1,774 92 |
| Unforeseen and Unprovided | 1,500 00 | 1,328 53 |
| Ontario Hospitals— | | |
| Brampton—Salaries | 200 00 | 93 75 |
| Brockville—Maintenance | 21,000 00 | 20,696 46 |
| Cobourg—Maintenance | 13,700 00 | 2,399 85 |
| Fort William—Salaries | 2,000 00 | 1,289 93 |
| Hamilton—Maintenance | 36,000 00 | 19,971 39 |
| Kingston—Maintenance | 25,500 00 | 15,557 93 |
| Langstaff—Maintenance | 11,000 00 | 7,518 89 |
| London—Maintenance | 29,000 00 | 13,850 11 |
| New Toronto—Maintenance | 63,000 00 | 59,966 58 |
| Orillia Hospital School—Maintenance | 48,000 00 | 47,020 89 |
| Toronto—Maintenance | 29,000 00 | 18,975 34 |
| Woodstock—Maintenance | 47,000 00 | 30,292 97 |

### Department of Labour

| | | |
|---|---|---|
| Main Office: | | |
| Travelling Expenses | 1,000 00 | 24 70 |
| General Stores, Purchase of Stationery, etc | 2,000 00 | 1,370 33 |
| Board of Examiners of Operating Engineers: | | |
| Maintenance | 700 00 | 624 69 |
| Composite Inspection Division: | | |
| Travelling Expenses | 7,000 00 | 6,246 03 |

### Department of Lands and Forests

| | | |
|---|---|---|
| Main Office: | | |
| Legal Fees and Expenses | 1,000 00 | 135 25 |
| Forests Branch: | | |
| Air Service, Operating Expenses, etc | 24,000 00 | 18,005 91 |

### Department of Mines

| | | |
|---|---|---|
| Main Office: | | |
| Expenses *re* Forfeiture of Mining Claims | 1,000 00 | 688 20 |
| Gas and Oil Well Inspectors: | | |
| Salaries, Equipment and Expenses, etc | 2,100 00 | 1,646 27 |
| Temiskaming Testing Laboratories: | | |
| Maintenance and Operation of Plant | 12,000 00 | 9,966 85 |

### Department of Municipal Affairs

| | | |
|---|---|---|
| Main Office: | | |
| Maintenance | 1,000 00 | 997 01 |

### Department of the Prime Minister

| | | |
|---|---|---|
| Office of Executive Council: | | |
| Maintenance | 167 00 | 165 11 |
| Travel and Publicity Bureau: | | |
| Salaries | 3,100 00 | 3,027 98 |
| Printing and Distributing Booklets, etc | 100,000 00 | 99,899 70 |
| Office of Civil Service Commissioner: | | |
| Salaries | 250 00 | 228 49 |

### Department of Provincial Secretary

| Reformatories and Prisons Branch: | WARRANT | EXPENDED |
|---|---|---|
| Main Office— | | |
| Grants—Training Schools | $ 4,000 00 | $ 3,088 75 |
| Ontario Reformatories— | | |
| Guelph— | | |
| Industries | 170,000 00 | 169,799 10 |
| Mercer, Toronto— | | |
| Maintenance | 5,000 00 | 3,296 43 |
| Repairs to Buildings, etc. | 3,500 00 | 3,085 85 |
| Industries | 85,000 00 | 84,675 38 |
| Industrial Farm, Burwash— | | |
| Repairs to Buildings, etc. | 7,000 00 | 5,740 40 |
| Industries | 12,000 00 | 8,377 82 |
| Ontario Training School for Girls, Galt— | | |
| Salaries | 2,000 00 | 1,939 64 |

### Department of Provincial Treasurer

| | | |
|---|---|---|
| Main Office: | | |
| Maintenance | 6,300 00 | 5,852 09 |
| Controller of Revenue Branch: | | |
| Fees | 3,000 00 | 2,951 24 |
| Income Tax—Collection Costs | 2,000 00 | 2,000 00 |
| Post Office: | | |
| Salaries | 650 00 | 582 75 |

### Department of Public Welfare

| | | |
|---|---|---|
| Main Office: | | |
| Maintenance | 3,300 00 | 1,418 74 |
| Maintenance of Indigents | 500 00 | 190 10 |
| Children's Aid Branch: | | |
| Travelling Expenses | 500 00 | 240 95 |
| Maintenance | 2,000 00 | 288 65 |
| Mothers' Allowances Commission: | | |
| Travelling Expenses | 10,000 00 | 3,329 89 |
| Maintenance | 2,500 00 | 1,410 03 |
| Old Age Pensions Commission: | | |
| Salaries | 6,000 00 | 5,247 07 |
| Travelling Expenses | 10,000 00 | 2,880 11 |
| Maintenance | 7,900 00 | 6,490 13 |

### Department of Public Works

| | | |
|---|---|---|
| Main Office: | | |
| Insurance and Lightning Rods | 18,500 00 | 15,103 22 |
| Public Buildings—Maintenance and Repairs: | | |
| Legislative and Departmental Buildings— | | |
| Administrative Services— | | |
| Telephone Service | 6,000 00 | 5,909 51 |
| Maintenance Staff— | | |
| Maintenance | 21,000 00 | 19,572 45 |
| Mechanical Staff— | | |
| Repairs and Alterations | 5,000 00 | 3,447 63 |
| Osgoode Hall— | | |
| Maintenance | 1,000 00 | 177 42 |
| District Buildings— | | |
| Repairs and Alterations, etc. | 1,000 00 | 26 82 |
| Ontario Hospitals— | | |
| St. Thomas—Farm Operating Expenses | 10,500 00 | 6,479 70 |
| Public Buildings—Construction: | | |
| Fish Hatcheries— | | |
| Construction and Alterations | 3,000 00 | 1,956 04 |
| Public Works: | | |
| Municipal Drainage | 6,000 00 | 3,248 02 |
| Storage Dams and Docks | 3,500 00 | 2,210 06 |
| **Total Treasury Board Minutes** | $1,497,892 02 | $1,274,880 11 |

## (C)

## SPECIAL WARRANTS

## (C)

## SPECIAL WARRANTS

### STATEMENT OF SPECIAL WARRANTS ISSUED DURING THE FISCAL YEAR ENDED MARCH 31st, 1942

| Date of Warrant | Service | Warrants | Expended 1941-42 | Unexpended |
|---|---|---|---|---|
| | | $ c. | $ c. | $ c. |
| | **Department of Agriculture** | | | |
| Various | Cost of living bonus. | 57,691 12 | 57,691 12 | ........ |
| | **Department of Attorney-General** | | | |
| Various | Cost of living bonus. | 128,601 83 | 128,601 83 | |
| July 21, 1941 | Expenses in connection with County and Dist. Judges attending Division Courts. | 25,000 00 | 3,236 60 | 21,763 40 |
| Oct. 9, 1941 | Compassionate allowance to W. A. F. Campbell of Port Hope, who was retired as a Magistrate on June 30th, 1941, and was not entitled to superannuation under The Public Service Act. .......... ...... | 750 00 | 750 00 | |
| | **Department of Education** | | | |
| Various | Cost of living bonus | 38,869 25 | 38,869 25 | |
| June 6, 1941 | Cost of education of deaf children in attendance at l'Institution de Sourds-Muets during the school year 1940-41. | 2,820 00 | 2,820 00 | |
| | Services, grants and expenses in connection with War Emergency Vocational Courses—<br>Balance unexpended, 1940-41 .......... $172,216 30 | | | |
| May 23, 1941 | Warrant.......... 172,000 00 | | | |
| Jan. 29, 1942 | " .......... 500,000 00 | 844,216 30 | 96,342 81 | 747,873 49 |
| | **Department of Game and Fisheries** | | | |
| Various | Cost of living bonus .......... | 23,768 51 | 23,768 51 | ...... |
| Sept. 5, 1941 | Unemployment insurance stamps. | 11 67 | 11 67 | |
| | **Department of Health** | | | |
| Various | Cost of living bonus | 261,426 33 | 261,426 33 | |
| Sept. 5, 1941 | Unemployment insurance stamps | 311 54 | 311 54 | |
| June 6, 1941 | Mimico Reformatory Farm—salaries, maintenance, including live stock and repairs .......... | 15,000 00 | 14,993 68 | 6 32 |
| June 26, 1941 | St. Paul's Hospital, Hearst—contribution toward providing an addition to the institution .......... | 5,000 00 | 5,000 00 | |

| DATE OF WARRANT | SERVICE | WARRANTS | EXPENDED 1941–42 | UNEXPENDED |
|---|---|---|---|---|
| | | $ c. | $ c. | $ c. |
| July 21, 1941 | Red Cross Hospital Committee, Thessalon—grant *re* construction of hospital.... | 5,000 00 | 5,000 00 | ..... |
| Oct. 10, 1941 | Public Health Laboratory, Belleville—supplies and grant | 1,500 00 | 1,498 19 | 1 81 |
| | **Department of Highways** | | | |
| Various | Cost of living bonus | 63,013 98 | 63,013 98 | ..... |
| Sept. 5, 1941 | Unemployment insurance stamps | 274 45 | 274 45 | .. |
| May 14, 1941 | Payment to the Township of Mersea of part cost of certain pavement laid on a road in or about the Village of Seacliffe, prior to the time when the said road became a King's Highway in 1931 | 4,257 75 | 4,257 75 | |
| | Road construction and maintenance on Long Point Park Road which passes through the Township of South Walsingham in the County of Norfolk, approximately three miles in length, joining the property of the Long Point Park Commission with the Township road west of the Village of Port Rowan, and for payment of construction and maintenance of roads within Rondeau Provincial Park—<br>Balance unexpended, 1940-41 | 3,853 99 | 2,928 39 | 925 60 |
| | **Department of Insurance** | | | |
| Various | Cost of living bonus | 1,854 65 | 1,854 65 | |
| | **Department of Labour** | | | |
| Various | Cost of living bonus | 15,685 47 | 15,685 47 | |
| Sept 5, 1941 | Unemployment insurance stamps | 177 49 | 177 49 | |
| | **Department of Lands and Forests** | | | |
| Various | Cost of living bonus | 72,548 00 | 72,548 00 | |
| <br><br>Apr. 29, 1941<br>May 30, 1941 | To pay accounts in connection with the hearing before the Royal Commission investigating the affairs and the financial position of the Abitibi Power and Paper Company Ltd.—<br>Balance unexpended,<br>1940–41 .......... $ 2,677 47<br>Warrant .......... 12,700 00<br>" .......... 1,000 00 | 16,377 47 | 16,254 02 | 123 45 |
| Oct. 10, 1941 | Purchase of lands for park purposes | 1,500 00 | 800 00 | 700 00 |
| | **Department of Legislation** | | | |
| Various | Cost of living bonus | 1,762 31 | 1,762 31 | |

| Date of Warrant | Service | Warrants | Expended 1941–42 | Unexpended |
|---|---|---|---|---|
| | | $ c. | $ c. | $ c. |
| | **Lieutenant-Governor's Office** | | | |
| Various | Cost of living bonus | 72 90 | 72 90 | |
| July 21, 1941 | Temiskaming and Northern Ontario Rly.—for the expenses of His Honour's journey to Boston | 658 84 | 658 84 | |
| | **Department of Mines** | | | |
| Various | Cost of living bonus | 9,024 71 | 9,024 71 | |
| Sept. 5, 1941 | Unemployment insurance stamps | 6 17 | 6 17 | |
| | **Department of Municipal Affairs** | | | |
| Various | Cost of living bonus | 2,173 17 | 2,173 17 | |
| | **Department of the Prime Minister** | | | |
| Various | Cost of living bonus | 4,086 73 | 4,086 73 | |
| | **Provincial Auditor's Office** | | | |
| Various | Cost of living bonus | 8,319 62 | 8,319 62 | |
| Sept. 5, 1941 | Unemployment insurance stamps | 1 86 | 1 86 | |
| | **Department of Provincial Secretary** | | | |
| Various | Cost of living bonus | 51,449 90 | 51,449 90 | |
| Sept. 5, 1941 | Unemployment insurance stamps | 107 96 | 107 96 | |
| | **Department of Provincial Treasurer** | | | |
| | Cost of living bonus— | | | |
| June 4, 1941 | Warrant $100,000 00 | | | |
| July 8, 1941 | " 100,000 00 | | | |
| Oct. 10, 1941 | " 200,000 00 | | | |
| Dec. 16, 1941 | " 500,000 00 | | | |
| | $900,000 00 | | | |
| | Less distributed to various depts. 793,548 64 | 106,451 36 | 27,691 46 | 78,759 90 |
| Sept. 5, 1941 | Unemploym't insur. stamps $10,000 00<br>Less distributed to various depts. 934 57 | 9,065 43 | 20 42 | 9,045 01 |
| | Services *re* preparation of brief *re* St. Lawrence Deep Waterway— | | | |
| Sept. 5, 1941 | Warrant $1,557 50 | | | |
| Oct. 10, 1941 | " 700 00 | 2,257 50 | 2,255 34 | 2 16 |
| | **Department of Public Welfare** | | | |
| Various | Cost of living bonus | 20,125 16 | 20,125 16 | |

| DATE OF WARRANT | SERVICE | WARRANTS | EXPENDED 1941–42 | UNEXPENDED |
|---|---|---|---|---|
| | | $ c. | $ c. | $ c. |
| | **Department of Public Works** | | | |
| Various | Cost of living bonus | 33,075 00 | 33,075 00 | ............... |
| Sept. 5, 1941 | Unemployment insurance stamps | 43 43 | 43 43 | ............... |
| May 23, 1941 | Alterations to buildings and other expenses in the College Division of the Ontario Agricultural College, Guelph, on account of leasing a portion of the institution to the Dominion Government for purposes of national defence | 25,000 00 | 15,871 98 | 9,128 02 |
| | Repairs and alterations to buildings for temporary quarters, moving and other expenses on account of leasing the Ont. School for the Deaf, Belleville, to the Dominion Government for purposes of national defence— | | | |
| Sept. 5, 1941 | Warrant $10,000 00 | | | |
| Dec. 16, 1941 | " 5,000 00 | | | |
| Feb. 9, 1942 | " 3,000 00 | 18,000 00 | 17,991 56 | 8 44 |
| | Repairs and alterations to buildings for temporary quarters, moving and other expenses on account of leasing the Toronto Normal and Model School to the Dominion Government for purposes of national defence— | | | |
| Sept. 5, 1941 | Warrant $ 2,000 00 | | | |
| Dec. 16, 1941 | " 1,000 00 | 3,000 00 | 2,716 49 | 283 51 |
| | Costs and expenses *re* transfer of patients from the Ontario Hospital, St. Thomas— | | | |
| | Balance unexpended, 1940–41 $ 129 29 | | | |
| Aug. 12, 1941 | Warrant 10,000 00 | 10,129 29 | 4,597 80 | 5,531 49 |
| Nov. 19, 1941 | Construction of a Bangs disease Testing Laboratory at the Veterinary College, Guelph | 38,000 00 | 23,604 80 | 14,395 20 |
| Dec. 16, 1941 | Repairs and alterations to buildings for temporary quarters, moving and other expenses on account of leasing the Ont. Training School for Boys, Bowmanville, to the Dominion Government for purposes of national defence | 5,000 00 | 4,598 89 | 401 11 |
| | **Miscellaneous** | | | |
| | Grant to Canadian Corps Association— | | | |
| Apr. 29, 1941 | Warrant $ 2,000 00 | | | |
| May 23, 1941 | " 8,000 00 | 10,000 00 | 10,000 00 | ............... |
| Oct. 10, 1941 | Expenses *re* strike at Campbell Soup Company Ltd. at New Toronto | 3,000 00 | 2,163 19 | 836 81 |
| July 8, 1941 | Victory Loan, 1941, organization, Ont. | 629 35 | 629 35 | ............... |
| | **Total Special Warrants** | 1,950,950 49 | 1,061,164 77 | 889,785 72 |

# REPORT FOR 1942

OF

# The Workmen's Compensation Board
ONTARIO

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER NO. 28, 1943

ONTARIO

TORONTO
Printed and Published by T. E. BOWMAN, Printer to the King's Most Excellent Majesty
1943

The Honourable Peter Heenan,
Minister of Labour,
Parliament Buildings,
Toronto, Ontario.

Dear Mr. Heenan,

I have the honour to submit herewith the Report of The Workmen's Compensation Board for the year 1942.

Yours very truly,

J. HAROLD,
Chairman.

## THE WORKMEN'S COMPENSATION BOARD

JOHN HAROLD,
Chairman

DR. D. J. GALBRAITH,
Vice-Chairman

N. B. WORMITH,
Commissioner (pro tem.)

S. R. JOHNSTON,
Secretary

# CONTENTS

GENERAL REVIEW .......... Page 5

CHAPTER I—SCHEDULE 1 INDUSTRIES FOR 1942

Review .......... " 7
Provisional Financial Statement for Schedule 1, by Classes, as at December 31, 1942 .......... Table 1 " 10
Number of Firms in Schedule 1, by Classes and Groups, December 31, 1942 " 2 " 11
Estimate of Wage Expenditure, Schedule 1 by Classes, for 1942 .......... " 3 " 11

CHAPTER II—SCHEDULE 2 INDUSTRIES DURING 1942

Review .......... " 13
Statement for Schedule 2 during 1942 .......... Table 4 " 13

CHAPTER III—WORK HANDLED DURING 1942

Review .......... " 15
Compensation, Medical Aid, and Accidents Paid For, during 1942 .......... Table 5 " 18
Statement of Receipts and Payments during 1942 .......... " 6 " 19
Payments to Safety or Accident Prevention Associations, 1942; Mine Rescue Work Account, 1942 .......... " 7 " 20
Analysis of Administration Expenses during 1942; Clinic Account, 1942 ... " 8 " 21

CHAPTER IV—CONDITION OF FUNDS

Review .......... " 23
Standing Schedule 1 Accident Fund as at December 31, 1942, and Standing Schedule 2 Funds as at December 31, 1942 .......... Table 9 " 26
Pension Fund, Schedule 1 by Classes, December 31, 1942 .......... " 10 " 27
Disaster Reserve, and Reserve for Depreciation of Securities, December 31, 1942 .......... " 11 " 27
Compensation Deferred, December 31, 1942 .......... " 12 " 28
Silicosis Account, December 31, 1942 .......... " 13 " 28
Investments, December 31, 1942 .......... " 14 " 28

CHAPTER V—1941 OPERATIONS

Review .......... " 41
Final Financial Statement for 1941, Schedule 1—by Classes and by Groups. Table 15 " 46
Number of Accidents in 1941 Involving Payment .......... " 16 " 50
Month of Occurrence of Accidents, 1941 .......... " 17 " 50
Locality of Accidents, 1941 .......... " 18 " 51
Time Loss, Average Age, and Average Wage, 1941 .......... " 19 " 52
Total and Average Compensation and Medical Aid Costs, 1941, Schedule 1 by Classes .......... " 20 " 53
Allegiance of Injured Workers, 1941 .......... " 21 " 55
Sex and Marital Condition of Injured Workers, 1941 .......... " 22 " 55
Week of Termination of Temporary Disabilities, 1941 .......... " 23 " 56
Nature of Injuries, 1941 .......... " 24 " 57
Causes of Accidents, 1941 .......... " 25 " 59
Death Cases, 1941 .......... " 26 " 62

APPENDIX

Summaries of Operations from Commencement of Act to End of 1942 .......... " 63

AUDITOR'S CERTIFICATE .......... " 67

## REPORT FOR 1942

## OF

# The Workmen's Compensation Board

## ONTARIO

Offices:
4th Floor, Canada Life Building,
330 University Ave., Toronto.

To His Honour the Lieutenant-Governor:

The Workmen's Compensation Board begs to submit its Report for the year 1942.

## GENERAL REVIEW

In last year's report it was noted that employment in industry under Schedule 1 of The Workmen's Compensation Act showed a steady increase. This increase has continued, and during 1942 increased to an estimated $999,769,000, which is the largest pay roll covered by the Board in any single year of its existence. There has been a corresponding increase in Schedule 2 and Crown activities.

### Accidents and Benefits

The increase in industrial activity reflected in increased pay rolls has brought an increase in the number of accidents reported to the Board during 1942, there being 133,513, as compared with 113,822 during 1941, and 81,116 during 1940.

The total benefits awarded during the year amounted to $10,936,963.27, compared with $9,898,893.75 during 1941, and $7,282,877.57 during 1940.

Of the total benefits awarded during the year, $8,959,109.51 was for compensation and $1,977,853.76 was for medical aid.

The total benefits awarded from the commencement of the Act (January 1, 1915) to January 1, 1943, amounted to $163,072,290.11, and the total accidents reported during the same period were 1,702,128.

### Assessments

The provisional assessments in Schedule 1 for 1942, including estimated adjustments, amounted to $10,897,193.16, as compared with $9,034,812.39 provisionally estimated and $9,458,811.62 actually assessed for 1941. For 1942 the average rate was $1.10 for each $100 of pay roll, as compared with $1.08 for 1941, and $1.02 for 1940. The provisional surplus to the credit of the classes at the end of 1942 was $3,346,827.13, as compared with $1,651,520.11 at the end of 1941.

It might be pointed out that the Dominion Government (including the Defence Industries), the Provincial Government, and employers in Schedule 2 pay for accidents in these industries as they arise, on the adjudication of claims by the Board. Hence, while accidents from these sources are included in the totals above, there is no inclusion of wage roll or assessment figures, as these industries do not pay assessments to the Board on a percentage of their pay roll.

## Finances

After outstanding liabilities are properly valuated, there remains a provisional surplus of $3,346,827.13, standing to the credit of the classes comprising Schedule 1, in addition to a Disaster Reserve of $236,948.86, a Reserve for Depreciation of Securities (which belongs to the classes) of $339,517.90, and an excess of $351,114.66 in the Silicosis Account of cash over liabilities for silicosis in the mining industry. This makes a total of $4,274,408.55, as compared with $3,001,937.35 at the end of 1941. These assets in excess of liabilities are in addition to accrued interest on investments.

This balance of $4,274,408.55 is the working capital of the Board after provision has been made for all outstanding liabilities. It has been collected from the employers largely by way of assessment, in addition to what has actually been required to meet the losses arising from accidents and the expense of administering the Act, and the cost of employers' safety associations.

In addition, there was at December 31, 1942, $30,828,755.01 in the Pension Fund, which is not a reserve but a fund to pay pensions to widows, children, and disabled workmen, which pensions run for life or lesser periods, and which were calculated on an actuarial basis, the liability being equal in amount to the fund. From time to time actuarial revaluations of the liabilities are made to ensure the proper amount being kept in the fund. The last such revaluation was made during 1941.

## Investments

All the Board's funds, with the exception of cash necessary for current operations, are invested. In Schedule 1 these investments, calculated on amortized values, totalled $42,554,258.36. From investments a rate of 4.21 per cent. was received in 1942, as compared with 4.36 per cent. in 1941.

At the end of 1942 there was in default in Schedule 1, $128,804.12, consisting of $113,976.16 principal and $14,827.96 interest, as compared with a total of $120,411.19 at the end of 1941.

The Board's portfolio of investments shows 76 per cent. held in obligations of the Dominion and Ontario Governments, and 24 per cent. in municipal and country direct or guaranteed debentures.

## Safety Associations

The Board's aid to safety associations was increased from $250,775.00 in 1941 to $283,760.00 in 1942.

## Public Relations

The Board has continued to assist groups of employers and workmen better to understand the workings of Workmen's Compensation. More and more groups are asking for this service.

## Contents of the Report

The chapters following contain the particulars of the Board's operations during 1942, and the Appendix a resume of operations since January 1, 1915.

Dated at Toronto this 8th day of April, 1943.

J. HAROLD, Chairman.
D. J. GALBRAITH, Vice-Chairman.
N. B. WORMITH, Commissioner,
pro tem.

# CHAPTER I

## SCHEDULE 1 INDUSTRIES FOR 1942

As some of the industries covered by the Act are under the collective liability system (the employer not being individually liable for accidents to his workmen but being assessed to provide a general fund out of which accidents occurring in his class of industry throughout the Province are taken care of) and others are under the individual liability system (the employer being liable to pay for accidents happening to his own workmen), separate financial statements have to be made for each. The industries under the collective liability system are included in Schedule 1, and those under individual liability in Schedule 2, the former comprising much the greater number.

This chapter deals with Schedule 1 industries for 1942. Schedule 2 industries are dealt with in Chapter II, while Chapter III deals with the work handled in both schedules and the administration of the Act generally during the year, Chapter IV with the different funds in both schedules and their standing at the end of 1942, and Chapter V gives financial and statistical information for 1941 which was not available when the report for that year was made.

### Provisional Financial Statement

The provisional financial statement for the industries in Schedule 1 for 1942 is contained in Table 1. To show the standing for the year, estimates have to be made of adjustments of assessments according to actual pay rolls and on the retroactive rates (the assessments for the year being first levied on an estimate of pay roll and at a provisional rate), and estimates also have to be made of compensation and medical aid still to be awarded for accidents happening during the year which have not yet been finally disposed of by reason of the injured workman being still under medical treatment or reports not being received. These estimates contain also all liabilities for claims of previous years yet outstanding and provision for claims of prior years which may subsequently be adjusted. Final figures for the year 1942 will be shown in the next subsequent report in the same manner as the final figures for 1941 are shown in Table 15 of this report.

The difference is to be noted between the amount of compensation and medical aid awarded for the year's accidents and the amount awarded during the year. The latter is partly for the prior year's accidents, while upon the other hand it does not cover all the liability for the current year's accidents. The more correct system of charging each year as far as possible with its own accidents, and for that purpose keeping the year's accounts open till the end of the subsequent year, has been adopted, rather than the looser method of taking the amount awarded during the year as the cost of the year's accidents and leaving always an outstanding liability unprovided for. For the purpose of information and comparison, however, the amounts awarded during the year are shown in Chapter III.

### Accounts for Each Class

The industries in Schedule 1 are divided into classes, and as each class (subject to any transfer that may be made to it from the Disaster Reserve in any case of undue burden) bears its own accident cost — the employers in the class being in effect a mutual insurance association — separate accounts have to be kept for the different classes. Each class is credited with its own assessments, its share of interest and other income, and with any transfer made to it from Disaster Reserve, or credit from any other source, and charged with the cost of its own accidents, its share of administration expenses, the cost of its safety association if it has one, and with its share of any amount set aside for Disaster Reserve.

The figures for each class, and the provisional surplus or deficit for the year, and the balance forward from prior years, and the provisional surplus or deficit for all years, are shown in Table 1. The final figures for each class and also the figures for the different groups within the classes (as in Table 15) will be shown in the next report. The assessments are fixed according to the accident cost and other expenses and charges in each class and group and having regard to the other income and credits.

The classes are numbered and the nature of the industries in each is shown at the bottom of Table 1 and full enumeration of the industries will be found in Schedule 1 of the Act and in the Board's rate book, the latter also showing the grouping within the class.

### Assessments and Other Credits

The total assessments in all classes for Schedule 1 for the year 1942, including estimated adjustments, amounted to $10,897,193.16. In assessments are included collections for default in making returns or payments and interest for underestimate of pay roll. The other income and credits for the year consisted of interest on investments and funds not elsewhere credited; reimbursement for veteran cases received from the Department of Pensions and National Health; cost of accidents collected under Section 107 for failure to furnish pay roll prior to accident; recovery from third parties under Section 8; collections under Section 114(3) from employers for failure to furnish particulars of accidents and refunds of accident cost. Other income and credits amounted to $169,546.66. The total income and credits for the year are, therefore, $11,066,739.82.

### Compensation and Other Charges

The compensation and medical aid for Schedule 1 industries for the year, including estimate for what is still to be awarded for accidents happening during the year and for prior years' accidents amounted to $9,129,847.41. There were other outlays amounting to $2,525,666.93, including administration expenses of $620,959.46; mine rescue work, $18,003.29; Section 8 disbursements, $162.88; safety associations, $283,760.00; and clinic expense, $62,215.66. The total expenditure and charges for the year, including liability for pneumoconiosis outstanding of $1,540,565.64, and adjustments for prior years' accidents were $11,655,514.34.

The provisional deficit for the year, including pneumoconiosis outstanding and the carry-over for prior years' claims, was $588,774.52, which, deducted from the surplus forward from prior years, of $3,935,601.65, makes a net provisional surplus of $3,346,827.13 at December 31, 1942.

### Number of Employers

The total number of employers listed in Schedule 1 at the end of 1942 was 25,529 as compared with 24,345 at the end of 1941. The number in each class and group of industry is shown in Table 2.

### Wage Expenditure

The estimated total wage expenditure in Schedule 1 industries for the year 1942, calculated on provisional figures is $999,769,000 as compared with

$838,037,000 in 1941. The amounts for the different classes of industry are shown in Table 3.

The Board has no similar data for Schedule 2 and Crown industries as in these the employers pay for accidents to their own workmen and are not required to make pay roll returns or pay assessments upon them as in Schedule 1. The pay roll would probably be about one-third that of Schedule 1.

## Average Rates of Assessment

Assessments in Schedule 1 are in the form of a percentage of pay roll, and the average rate or percentage over all the classes actually paid by the employers can be ascertained by relating the total assessments to the total wage expenditure. This, on the provisional figures, gives an average rate of assessment for 1942 of $1.10 on every $100.00 of pay roll. The average rate for all years since the commencement of the Act was $1.18.

## TABLE 1

## PROVISIONAL FINANCIAL STATEMENT FOR SCHEDULE 1, BY CLASSES, AS AT DECEMBER 31, 1942

| Class | INCOME AND CREDITS (Actual and Estimated) | | | | EXPENDITURE AND CHARGES (Actual and Estimated) | | | | | | Balance Forward Prior Years | SURPLUS OR DEFICIT ALL YEARS (Provisional) | Class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Collected on Provisional Assessments | Estimated Adjustments of Assessments | All Other Income | TOTAL | Compensation and Medical Aid | | | Pneu-moconiosis Outstanding | All Other Outlays | TOTAL AS AT DEC. 31, 1942 | | | |
| | | | | | Awarded | Estimated | Total | | | | | | |
| | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | |
| 1 | 809,628.23 | 148,100.00 | 4,761.61 | 962,489.84 | 391,283.49 | 263,931.86 | 655,215.35 | ............ | 97,808.01 | 753,023.36 | 89,745.05 | 299,211.53 | 1 |
| 2 | 429,952.58 | 39,000.00 | 5,748.74 | 474,701.32 | 204,131.23 | 129,264.30 | 333,395.53 | ............ | 38,639.47 | 372,035.00 | 164,420.12 | 267,086.44 | 2 |
| 3 | 99,269.96 | 21,500.00 | 1,902.22 | 122,672.18 | 71,742.34 | 46,146.63 | 117,888.97 | ............ | 12,395.80 | 130,284.77 | 5,759.82 | −1,852.77 | 3 |
| 4 | 300,948.46 | 63,780.00 | 1,540.04 | 366,268.50 | 144,357.47 | 136,624.28 | 280,981.75 | 16,432.75 | 27,609.35 | 325,023.85 | 9,537.13 | 50,781.78 | 4 |
| 5 | 1,422,397.61 | −55,000.00 | 17,714.27 | 1,385,111.88 | 563,225.09 | 641,745.24 | 1,204,970.33 | 1,784.20 | §109,103.14 | 1,315,857.67 | 574,081.71 | 643,335.92 | 5 |
| 6 | 166,206.80 | 50,950.00 | 2,298.67 | 219,455.47 | 107,792.93 | 80,647.78 | 188,440.71 | 217,400.04 | 19,695.28 | 425,536.03 | 47,857.77 | −158,222.79 | 6 |
| 7 | 350,294.34 | 206,800.00 | 5,460.67 | 562,555.01 | 241,837.80 | 278,596.71 | 520,434.51 | 39,015.75 | 41,613.22 | 601,063.48 | −53,397.58 | −91,906.05 | 7 |
| 8 | 254,522.04 | 75,900.00 | 1,199.49 | 331,621.53 | 164,486.82 | 80,479.69 | 244,966.51 | 770,721.66 | 38,325.69 | 1,054,013.86 | −96,755.42 | −819,147.75 | 8 |
| 9 | 544,346.63 | 127,500.00 | 4,958.21 | 676,804.84 | 303,732.69 | 183,512.36 | 487,245.05 | 64,766.02 | 53,863.03 | 605,874.10 | 156,414.59 | 227,345.33 | 9 |
| 10 | 1,112,342.18 | 106,500.00 | 10,554.05 | 1,229,396.23 | 667,135.68 | 361,981.34 | 1,029,117.02 | 175,127.87 | 112,776.64 | 1,317,021.53 | 138,483.79 | 50,858.49 | 10 |
| 11 | 656,558.75 | 182,000.00 | 10,512.46 | 849,071.21 | 506,745.98 | 268,268.97 | 775,014.95 | 164,598.42 | 66,489.38 | 1,006,102.75 | 295,926.57 | 138,895.03 | 11 |
| 12 | 242,530.06 | 17,700.00 | 7,297.97 | 267,528.03 | 106,810.29 | 119,772.52 | 226,582.81 | 15,742.59 | 24,365.05 | 266,690.45 | 245,745.36 | 246,582.94 | 12 |
| 13 | 106,758.84 | 18,000.00 | 2,203.51 | 126,962.35 | 65,592.73 | 70,621.23 | 136,213.96 | ............ | 9,277.09 | 145,491.05 | 74,031.89 | 55,503.19 | 13 |
| 14 | 77,438.69 | 15,100.00 | 846.57 | 93,385.26 | 45,286.03 | 33,727.85 | 79,013.88 | ............ | 8,698.42 | 87,712.30 | 23,163.30 | 28,836.26 | 14 |
| 15 | 419,120.13 | 85,000.00 | 12,587.58 | 516,707.71 | 214,697.12 | 221,775.86 | 436,472.98 | ............ | 41,370.31 | 477,843.29 | 163,438.04 | 202,302.46 | 15 |
| 16 | 179,603.35 | 68,100.00 | 110.94 | 247,814.29 | 122,869.31 | 88,492.40 | 211,361.71 | 26,700.02 | 18,840.08 | 256,901.81 | −30,314.56 | −39,402.08 | 16 |
| 17 | 191,750.26 | 20,700.00 | 527.34 | 212,977.60 | 99,759.87 | 56,126.71 | 155,886.58 | ............ | 17,647.88 | 173,534.46 | −20,856.70 | 18,586.44 | 17 |
| 18 | 88,404.04 | −2,000.00 | 2,559.58 | 88,963.62 | 44,748.91 | 30,513.67 | 75,262.58 | ............ | 8,200.59 | 83,463.17 | 83,600.16 | 89,100.61 | 18 |
| 19 | 131,470.79 | 18,000.00 | 496.15 | 149,966.94 | 67,620.96 | 41,327.37 | 108,948.33 | 9,019.76 | 12,560.77 | 130,528.86 | −20,718.46 | −1,280.38 | 19 |
| 20 | 496,958.04 | −58,000.00 | 10,492.58 | 449,450.62 | 175,102.42 | 185,267.02 | 360,369.44 | ............ | 41,234.86 | 401,604.30 | 267,913.72 | 315,760.04 | 20 |
| 21 | 267,876.34 | 12,200.00 | 16,418.39 | 296,494.73 | 129,052.22 | 130,141.28 | 259,193.50 | 5,500.00 | 38,526.67 | 303,220.17 | 385,745.31 | 379,019.87 | 21 |
| 22 | 304,641.68 | −18,000.00 | 9,328.59 | 295,970.27 | 114,414.88 | 85,795.67 | 200,210.55 | ............ | 26,010.84 | 226,221.39 | 229,578.40 | 299,327.28 | 22 |
| 23 | 147,031.50 | 31,000.00 | 8,099.74 | 186,131.24 | 66,491.81 | 102,579.72 | 169,071.53 | ............ | 13,629.44 | 182,700.97 | 251,540.29 | 254,970.56 | 23 |
| 24 | 1,031,311.86 | −109,000.00 | 31,927.29 | 954,239.15 | 397,588.85 | 476,000.03 | 873,588.88 | 33,756.56 | 106,420.28 | 1,013,765.72 | 950,661.35 | 891,134.78 | 24 |
| ALL | 9,831,363.16 | *1,065,830.00 | †169,546.66 | 11,066,739.82 | 5,016,506.92 | 4,113,340.49 | 9,129,847.41 | 1,540,565.64 | ‡985,101.29 | 11,655,514.34 | 3,935,601.65 | 3,346,827.13 | ALL |

*Adjusted on actual pay rolls and retroactive rates.

†Includes: Sec. 8, $17,699.52; Sec. 107, $1,716.91; Sec. 114(3), $399.99; Reimbursement from D.P. & N.H., $18,515.57; from Accident Cost Refunds, $1,035.81; Interest, $119,374.86; Disaster Reserve, $10,804.00.

‡Includes: Disbursements under Sec. 8, $162.88; for Clinic Expense, $62,215.66 (being $61,215.66—1942; $1,000.00—1940); for Safety Associations, $283,760.00; for Administrative Expense, $620,959.46 (being $620,957.96—1942; $1.50 adjustment prior year).

§Includes: Mine Rescue Work, $18,003.29.

### Class Numbers of Industries

1. Lumbering.
2. Pulp and paper mills.
3. Furniture manufacturing, etc.
4. Planing mills, etc.
5. Mining and explosives.
6. Brick manufacturing, quarrying, and glass works.
7. Rolling mills, etc.
8. Foundries, etc.
9. Fabrication structural steel, etc.
10. Metal articles, jewellery manufacturing, etc.
11. Agricultural implements, etc.
12. Gas, petroleum, paint, drugs, soap, etc.
13. Milling.
14. Abbatoirs, etc.
15. Bakeries, canning, liquors, and tobacco.
16. Tanneries, leather and rubber goods.
17. Textiles.
18. Clothing, power laundries, etc.
19. Printing and stationery.
20. Teaming, cartage, coal and wood yards, etc.
21. Road construction, etc.
22. Electric power, etc.
23. Steel construction, railway and canal construction, dredging, fishing, etc.
24. Building.

## TABLE 2

## NUMBER OF FIRMS IN SCHEDULE 1, BY CLASSES AND GROUPS, DECEMBER 31, 1942

| Class | Group 0 | Group 1 | Group 2 | Group 3 | Group 4 | Group 5 | Group 6 | Group 7 | Group 8 | Group 9 | TOTALS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 656 | 493 | ...... | 113 | ...... | ...... | ...... | ...... | ...... | ...... | 1,262 |
| 2 | 70 | ...... | 15 | ...... | ...... | ...... | ...... | ...... | ...... | ...... | 85 |
| 3 | 269 | ...... | ...... | ...... | ...... | ...... | ...... | ...... | ...... | ...... | 269 |
| 4 | 485 | ...... | 98 | ...... | ...... | ...... | ...... | ...... | ...... | ...... | 583 |
| 5 | ...... | 175 | 5 | 63 | ...... | 12 | 15 | 4 | ...... | ...... | 274 |
| 6 | 170 | ...... | 6 | 102 | 47 | 90 | 93 | ...... | ...... | ...... | 508 |
| 7 | 14 | ...... | ...... | ...... | ...... | ...... | ...... | ...... | ...... | ...... | 14 |
| 8 | 101 | ...... | 36 | 68 | ...... | ...... | ...... | ...... | ...... | ...... | 205 |
| 9 | 29 | 15 | ...... | ...... | 150 | 13 | ...... | ...... | ...... | ...... | 207 |
| 10 | 883 | ...... | ...... | ...... | 101 | ...... | 398 | ...... | ...... | ...... | 1,382 |
| 11 | 53 | 3,183 | ...... | 1 | ...... | ...... | ...... | ...... | ...... | ...... | 3,237 |
| 12 | 39 | 293 | 117 | 14 | 273 | ...... | ...... | ...... | ...... | ...... | 736 |
| 13 | 521 | 80 | ...... | ...... | ...... | ...... | ...... | ...... | ...... | ...... | 601 |
| 14 | 113 | ...... | ...... | ...... | ...... | ...... | ...... | ...... | ...... | ...... | 113 |
| 15 | 434 | 362 | ...... | 131 | 58 | 188 | 24 | ...... | ...... | ...... | 1,197 |
| 16 | 43 | 104 | 81 | 53 | ...... | ...... | ...... | ...... | ...... | ...... | 281 |
| 17 | 186 | 129 | ...... | ...... | ...... | ...... | ...... | ...... | ...... | ...... | 315 |
| 18 | 781 | 219 | ...... | ...... | ...... | ...... | ...... | ...... | ...... | ...... | 1,000 |
| 19 | 268 | 661 | ...... | ...... | ...... | ...... | ...... | ...... | ...... | ...... | 929 |
| 20 | 1,908 | 1,044 | ...... | ...... | ...... | ...... | ...... | ...... | ...... | ...... | 2,952 |
| 21 | 121 | 56 | ...... | ...... | ...... | ...... | ...... | ...... | ...... | ...... | 177 |
| 22 | 327 | 316 | 316 | 1,173 | ...... | ...... | ...... | ...... | ...... | ...... | 2,132 |
| 23 | 75 | 30 | 284 | ...... | ...... | ...... | ...... | ...... | ...... | ...... | 389 |
| 24 | 3,424 | ...... | ...... | 398 | 1,160 | 991 | 321 | ...... | ...... | 387 | 6,681 |
| ALL | | | | | | | | | | | 25,529 |

## TABLE 3

## ESTIMATE OF WAGE EXPENDITURE, SCHEDULE 1 BY CLASSES, FOR 1942

| Class | Wage Expenditure |
|---|---|
| 1 | $ 19,199,000 |
| 2 | 30,300,000 |
| 3 | 9,750,000 |
| 4 | 14,905,000 |
| 5 | 72,900,000 |
| 6 | 12,755,000 |
| 7 | 37,200,000 |
| 8 | 22,045,000 |
| 9 | 52,755,000 |
| 10 | 154,600,000 |
| 11 | 161,300,000 |
| 12 | 46,770,000 |
| 13 | 8,300,000 |
| 14 | 12,300,000 |
| 15 | 58,900,000 |
| 16 | 38,000,000 |
| 17 | 43,950,000 |
| 18 | 40,500,000 |
| 19 | 38,900,000 |
| 20 | 22,030,000 |
| 21 | 8,520,000 |
| 22 | 48,430,000 |
| 23 | 4,410,000 |
| 24 | 41,050,000 |
| TOTAL | $999,769,000 |

# CHAPTER II

## SCHEDULE 2 INDUSTRIES DURING 1942

Table 4 is a statement of the compensation awarded and the moneys handled during 1942 in Schedule 2 industries (in which the employer is individually liable for accidents to his workmen). Dominion Crown Cases under the Act by Dominion legislation and Provincial Crown Cases referred to the Board for adjustment are included.

The total amount of compensation awarded in Schedule 2 industries and Crown cases during 1942 was $1,733,376.40. Of this amount $207,327.51 was for workmen of municipal corporations; $340,922.22 for steam railroads; $29,689.33 for electric railways; $121,820.67 for navigation companies; $7,980.81 for express and sleeping-car companies; $7,283.36 for telephone and telegraph companies; $908,142.30 for Dominion Crown Cases and $110,158.92 for Provincial Crown Cases. Of the total amount awarded $918,154.19 was for pensions in pension cases, and $815,222.21 was for cases not pension cases and for compensation not pensions in pension cases.

In pension cases, except in the case of municipal or government bodies or departments thereof, not so desiring, deposits must be made by employers in Schedule 2 industries. Particulars of these are given under "Deposits under Section 28". Under "Claimants' Moneys" are included moneys held by the Board under awards in which in the interest of the claimant, or for some other reason, payment of the amounts held is deferred to a later date, as in the case of minors. "Deposits under Section 32" are amounts deposited with the Board to enable the Board to make prompt payments without waiting for receipt of cheque from employer.

Employers in Schedule 2 are assessed their share of the expense of administration as set out in Table 8. For 1942 that share amounted to $26,235.50 as compared with $24,090.00 in 1941 and $17,550.00 in 1940. Proportionate to the amount of compensation awarded, administration expenses in Schedule 2 and Crown Cases were 4.44 per cent. in 1942 as compared with 4.28 per cent. in 1941 and 3.94 per cent. in 1940.

Further information as to Schedule 2 funds and particulars of Schedule 2 investments are given in Chapter IV, and in Tables 9 and 14, and in the Appendix.

### TABLE 4

### STATEMENT FOR SCHEDULE 2 DURING 1942

### SCHEDULE 2 AWARDS

| | Awards Not Pensions | Pensions | TOTALS |
|---|---|---|---|
| Municipal Corporations, etc. | $ 89,484.06 | $117,843.45 | $207,327.51 |
| Steam Railroads | 136,438.70 | 204,483.52 | 340,922.22 |
| Electric Railways | 5,897.84 | 23,791.49 | 29,689.33 |
| Navigation Companies | 39,031.30 | 82,789.37 | 121,820.67 |
| Express and Sleeping Car Companies | 4,481.81 | 3,499.00 | 7,980.81 |
| Telephone and Telegraph Companies | 3,110.03 | 4,173.33 | 7,283.36 |
| All other industries | 51.28 | ........ | 51.28 |
| Dominion Crown Cases | 484,550.74 | 423,591.56 | 908,142.30 |
| Provincial Crown Cases | 52,176.45 | 57,982.47 | 110,158.92 |
| TOTALS | $815,222.21 | $918,154.19 | $1,733,376.40 |

## SCHEDULE 2 FUNDS

### Deposits under Section 28

| | | |
|---|---|---|
| Cash in bank and invested, Jan. 1, 1942 | $3,154,784.15 | |
| Deposits received from Employers | 300,314.52 | |
| Interest received | 161,324.01 | |
| Paid to Pensioners | ......... | 348,437.82 |
| Deposits returned to Employers | ......... | 7,387.28 |
| Cash in bank and invested, Dec. 31, 1942 | ......... | 3,260,597.58 |
| | $3,616,422.68 | $3,616,422.68 |

### Claimants' Moneys

| | | |
|---|---|---|
| Cash in bank and invested, Jan. 1, 1942 | $13,000.60 | |
| Deposits received from Employers | 7,833.49 | |
| Interest received | 579.76 | |
| Paid to Claimants | ......... | 7,507.35 |
| Cash in bank and invested, Dec. 31, 1942 | ......... | 13,906.50 |
| | $21,413.85 | $21,413.85 |

### Deposits under Section 32

| | | |
|---|---|---|
| Cash in bank, Jan. 1, 1942 | $ 93,821.98 | |
| Deposits received from Employers | 1,186,855.61 | |
| Payments made—Compensation and Medical Aid | ......... | 1,212,945.77 |
| Deposits returned to Employers | ......... | 16,101.65 |
| Cash in bank, Dec. 31, 1942 | ......... | 51,630.17 |
| | $1,280,677.59 | $1,280,677.59 |

### Reserve for Depreciation of Securities

| | | |
|---|---|---|
| Cash in bank and invested, Jan. 1, 1942 | $214,204.90 | |
| Cash in bank and invested, Dec. 31, 1942 | ......... | $214,204.90 |
| | $214,204.90 | $214,204.90 |

## TOTALS OF FUNDS

| | | |
|---|---|---|
| Cash in bank and invested, Jan. 1, 1942 | $3,475,811.63 | |
| Deposits received from Employers | 1,495,003.62 | |
| Interest received | 162,418.44 | |
| Payments made | ......... | $1,568,890.94 |
| Deposits returned to Employers | ......... | 23,488.93 |
| Cash in bank and invested (including interest not apportioned $514.67), Dec. 31, 1942 | ......... | 3,540,853.82 |
| | $5,133,233.69 | $5,133,233.69 |

# CHAPTER III

## WORK HANDLED DURING 1942

· This Chapter deals with the work handled during 1942, and with the administration of the Act generally during the year. Particulars are given in Tables 5 to 8.

The figures are for what has been dealt with during 1942 without regard to the year in which the accidents dealt with occurred, while, as explained in Chapter I, the figures in Chapter I and Chapter V are for the accidents happening during the year.

### Benefits Awarded During the Year

The total amount of compensation awarded during 1942 was $8,959,109.51, of which $7,225,733.11 was in Schedule 1 industries, $715,075.18 in Schedule 2 industries, and $1,018,301.22 in Crown cases. There was also paid for medical aid in Schedule 1 industries during the year $1,977,853.76, making the total benefits awarded during the year $10,936,963.27. In Schedule 2 and Crown cases (for the most part) medical aid is provided directly by the employer and no figures are available.

The benefits awarded each year, and the total since the commencement of the Act are as follows:

| | Schedule 1 | | Schedule 2 | |
|---|---|---|---|---|
| Year | Compensation | Medical Aid | and Crown Compensation | Total Benefits |
| 1942 | $7,225,733.11 | $1,977,853.7 | $1,733,376.40 | $10,936,963.27 |
| 1941 | 6,662,465.98 | 1,772,376.34 | 1,464,051.43 | 9,898,893.75 |
| 1940 | 4,852,469.50 | 1,408,250.15 | 1,022,157.92 | 7,282,877.57 |
| 1939 | 4,174,407.96 | 1,094,693.30 | 883,306.27 | 6,152,407.53 |
| 1938 | 4,362,618.00 | 1,153,894.99 | 947,748.20 | 6,464,261.19 |
| 1937 | 3,837,588.62 | 1,251,848.47 | 1,040,523.46 | 6,129,960.55 |
| 1936 | 3,553,282.23 | 1,058,642.36 | 1,031,874.20 | 5,643,798.79 |
| 1935 | 3,225,898.54 | 1,037,682.86 | 1,050,531.47 | 5,314,112.87 |
| 1934 | 2,745,239.16 | 841,738.41 | 912,729.66 | 4,499,707.23 |
| 1933 | 2,298,787.97 | 667,581.69 | 732,699.29 | 3,699,068.95 |
| 1932 | 3,202,639.27 | 817,240.38 | 1,105,740.91 | 5,125,620.56 |
| 1931 | 3,917,045.43 | 1,060,763.01 | 1,043,583.66 | 6,021,392.10 |
| 1930 | 4,942,756.25 | 1,336,046.05 | 1,144,216.52 | 7,423,018.82 |
| 1929 | 5,346,621.19 | 1,385,524.62 | 1,280,011.97 | 8,012,157.78 |
| 1928 | 4,565,688.56 | 1,166,507.54 | 1,335,750.83 | 7,067,946.93 |
| 1927 | 3,930,417.59 | 1,062,859.64 | 1,091,377.64 | 6,084,654.87 |
| 1926 | 3,664,039.94 | 988,486.70 | 1,168.825.26 | 5,821,351.90 |
| 1925 | 3,635,530.27 | 875,836.01 | 1,054,077.11 | 5,565,443.39 |
| 1924 | 4,052,287.77 | 835,956.60 | 1,234,575.97 | 6,122,820.34 |
| 1923 | 4,036,170.26 | 788,905.90 | 1,348,785.58 | 6,173,861.74 |
| 1922 | 3,417,101.61 | 692,819.94 | 1,582,975.06 | 5,692,896.61 |
| 1921 | 3,858,017.50 | 662,793.89 | 1,668,452.10 | 6,189,263.49 |
| 1920 | 5,113,149.77 | 703,705.66 | 1,963,389.82 | 7,780,245.25 |
| 1919 | 2,808,638.65 | 386,298.51 | 997,922.77 | 4,129,859.93 |
| 1918 | 2,751,137.45 | 369,346.37 | 763,511.02 | 3,883,994.84 |
| 1917 | 2,286,954.99 | *83,514.07 | 623,556.37 | 2,994,025.43 |
| 1916 | 1,553,653.38 | †......... | 451,709.93 | 2,005,363.31 |
| 1915 | 692,389.09 | †......... | 200,932.03 | 893,321.12 |
| Totals | $106,712,730.04 | $25,481,167.22 | $30,878,392.85 | $163,072,290.11 |

*Half year only.

†No provision for medical aid.

The increase in benefits from the early years is largely by reason of increase in wages, compensation being for the most part a percentage of wages, and additional industries have been covered, and some material changes were made in compensation. The large total for 1920 is by reason of the retroactive increase in widows' and children's pensions, and the small amount awarded during 1915 is by reason of many 1915 accidents not being, nor capable of being, finally disposed of till the following year. The amount of benefits awarded for each year's accidents, as distinguished from the amount awarded during the year, is shown in Chapter V.

## Accidents Reported During the Year

During 1942, 133,513 accidents were reported to the Board. These included some not serious enough to involve payment of either compensation or medical aid and for which no claim was made, and others for which claims were made but were not allowed by the Board.

At the close of the year there were 3,223 claims in assembly, as compared with 2,903 at the end of 1941, notice of the accident having been given but reports necessary to deal with the case not having been received.

The number of accidents reported each year, and the total number since the commencement of the Act, are as follows:

| Year | Total |
|---|---|
| 1942 | 133,513 |
| 1941 | 113,822 |
| 1940 | 81,116 |
| 1939 | 60,520 |
| 1938 | 59,834 |
| 1937 | 70,582 |
| 1936 | 61,382 |
| 1935 | 58,546 |
| 1934 | 54,730 |
| 1933 | 38,042 |
| 1932 | 41,470 |
| 1931 | 52,894 |
| 1930 | 69,267 |
| 1929 | 87,103 |
| 1928 | 79,398 |
| 1927 | 71,979 |
| 1926 | 65,916 |
| 1925 | 60,012 |
| 1924 | 58,675 |
| 1923 | 61,109 |
| 1922 | 50,411 |
| 1921 | 45,191 |
| 1920 | 54,851 |
| 1919 | 44,260 |
| 1918 | 47,848 |
| 1917 | 36,532 |
| 1916 | 26,092 |
| 1915 | 17,033 |
| All Years | 1,702,128 |

## Accidents Paid For During the Year

Table 5 shows the number of accidents in which compensation or medical aid was paid during the year. The total number was 120,938 as compared with 104,655 during 1941. The 120,938 comprised 367 deaths, 2,081 permanent disability cases, 45,201 temporary disability cases, and 73,289 medical aid only cases. Except for Provincial Crown cases, Schedule 2 and Crown cases involving medical aid only, which are a large proportion of the accidents reported, are not included in accidents paid for, as the medical aid is furnished by the employer.

The number of accidents in which compensation or medical aid was awarded each year since the commencement of the Act is as follows:

| Year | Schedule 1 | Schedule 2 | Crown | Totals |
|---|---|---|---|---|
| 1942 | 109,141 | 2,667 | 9,130 | 120,938 |
| 1941 | 96,511 | 2,467 | 5,677 | 104,655 |
| 1940 | 66,607 | 1,785 | 1,719 | 70,111 |
| 1939 | 50,316 | 1,700 | 2,389 | 54,405 |
| 1938 | 47,816 | 1,874 | 2,235 | 51,925 |
| 1937 | 61,643 | 1,897 | 2,828 | 66,368 |
| 1936 | 51,620 | 1,828 | 2,741 | 56,189 |
| 1935 | 46,960 | 1,707 | 5,631 | 54,298 |
| 1934 | 41,244 | 1,800 | 6,258 | 49,302 |
| 1933 | 29,766 | 1,487 | 2,453 | 33,706 |
| 1932 | 38,469 | 1,914 | 3,521 | 43,904 |
| 1931 | 43,611 | 2,561 | 2,710 | 48,882 |
| 1930 | 56,715 | 2,723 | 2,357 | 61,795 |
| 1929 | 68,195 | 2,883 | 2,737 | 73,815 |
| 1928 | 61,384 | 2,723 | 2,425 | 66,532 |
| 1927 | 55,894 | 2,741 | 2,443 | 61,078 |
| 1926 | 52,199 | 2,489 | 2,182 | 56,870 |
| 1925 | 47,782 | 2,734 | 2,217 | 52,733 |
| 1924 | 46,616 | 2,820 | 2,475 | 51,911 |
| 1923 | 47,873 | 3,849 | 1,916 | 53,638 |
| 1922 | 37,172 | 4,572 | 765 | 42,509 |
| 1921 | 34,271 | 5,161 | 834 | 40,266 |
| 1920 | 42,693 | 4,444 | 714 | 47,851 |
| 1919 | 34,400 | 4,517 | 153 | 39,070 |
| 1918 | 36,565 | 4,335 | 30 | 40,930 |
| *1917 | 25,277 | 3,406 | 19 | 28,702 |
| *1916 | 15,370 | 2,825 | 3 | 18,208 |
| *1915 | 8,328 | 1,494 | 7 | 9,829 |

*Cases involving medical aid only not covered till July 1, 1917.

## Awards Changed

In addition to claims compensated, as shown in Table 5, the Board in 1941 opened for further award 887 claims which had been settled previously.

## Cheques, Assessments, Mail, and Callers

In all 451,875 cheques were issued during 1942, an average of 1,496 daily, and there were 36,223 assessments made, including refunds. About 9,050 pieces of mail were handled daily, and the average number of office callers was 93 a day.

## Receipts and Payments

The receipts and payments during the year are shown in Table 6, the statement for Schedule 2 including Crown cases. Explanation of the items and the funds referred to will be found in other parts of the report. A summary of receipts and payments since the commencement of the Act is given in the Appendix.

## Payments to Safety Associations

The safety or accident prevention associations are organizations of employers established under the authority of the Act by the employers in the 24 classes of industry. They are under the management of the employers but the expenses are paid by the Board out of the Accident Fund.

The total amounts so paid are set out in Table 7, which table also shows the amount paid out on account of mine rescue work in Class 5.

## Administration Expenses

The administration expenses of the Board, analyzed under the different headings are shown in Table 8. The gross administration expenses in 1942 were $724,535.35, to which is added $1.50 adjustment of prior year's expenses. The total of $724,535.35 is comparable with $633,575.34 during 1941. The amount is divided according to the number of accidents handled among Schedule 1 (Accident Fund, Silicosis, and Mine Rescue Accounts), Schedule 2, and Dominion and Provincial Crown.

The amount charged to the Silicosis Account was $25,748.09; to Mine Rescue Work, $857.30; to Schedule 1 employers, $620,959.46; to Schedule 2, $26,235.50; to Dominion Crown, $47,268.50; and to Provincial Crown, $3,468.00.

The cost of office furniture, fixtures, and equipment, including permanent equipment, has always been charged to administration expenses in the year in which payment therefor was made, and no entry for which has ever been made in the standing of the funds. The value of this furniture and equipment at the present time is estimated at about $40,000.

The total administration expenses for 1942 less expenses of supervising work in connection with silicosis and mine rescue stations (not properly administrative work) and handling claims for silicosis, were 6.38 per cent. of benefits awarded, being 6.75 per cent. of benefits awarded in Schedule 1, and 4.44 per cent. in Schedule 2 and Crown cases.

A charge of $61,215.66 was made against the classes for operation of the Clinic during 1942. The total expenses were $65,661.75, and $4,446.09 was refunded by Schedule 2 and Crown employers and others.

## TABLE 5

## COMPENSATION, MEDICAL AID, AND ACCIDENTS PAID FOR, DURING 1942

### Compensation Awarded during 1942

| | |
|---|---|
| Schedule 1 | $7,225,733.11 |
| Schedule 2 | 715,075.18 |
| Crown Cases | 1,018,301.22 |
| Total | $8,959,109.51 |

### Medical Aid Paid during 1942

| | |
|---|---|
| Schedule 1 | $1,977,853.76 |
| Schedule 2 | furnished by employer |
| Crown Cases | furnished by employer |

### Accidents Paid for during 1942

| | Medical Aid Only | Temporary Disability | Permanent Disability | Death | TOTALS |
|---|---|---|---|---|---|
| SCHEDULE 1 | | | | | |
| Full Compensation | ...... | 33,762 | 1,866 | 229 | 35,857 |
| Part Compensation | ...... | 4,469 | ...... | 36 | 4,505 |
| Medical Aid Only | 68,779 | ...... | ...... | ...... | 68,779 |
| Totals | 68,779 | 38,231 | 1,866 | 265 | 109,141 |
| SCHEDULE 1 | | | | | |
| Full Compensation | ...... | 2,186 | 88 | 40 | 2,314 |
| Part Compensation | ...... | 345 | ...... | 7 | 352 |
| Medical Aid Only | 1 | ...... | ...... | ...... | 1 |
| Totals | 1 | 2,531 | 88 | 47 | 2,667 |
| CROWN CASES | | | | | |
| Full Compensation | ...... | 3,897 | 127 | 49 | 4,073 |
| Part Compensation | ...... | 542 | ...... | 6 | 548 |
| Medical Aid Only | 4,509 | ...... | ...... | ...... | 4,509 |
| Totals | 4,509 | 4,439 | 127 | 55 | 9,130 |
| GRAND TOTALS | 73,289 | 45,201 | 2,081 | 367 | 120,938 |

## TABLE 6

## STATEMENT OF RECEIPTS AND PAYMENTS DURING 1942

### Schedule 1

### RECEIPTS

| | | |
|---|---|---|
| Cash in Banks, January 1, 1942: | | |
| Canadian Bank of Commerce | $5,881.64 | |
| Royal Bank of Canada | 21,805.66 | |
| Dominion Bank | 398,189.74 | |
| | | $425,877.04 |
| Net Assessments, Penalties, etc.: | | |
| Gross Assessments | 11,632,598.79 | |
| Under Section 8 | 17,699.52 | |
| Under Section 107 | 1,716.91 | |
| Under Section 114 | 399.99 | |
| From D.P. & N.H. | 19,520.21 | |
| From Accident Cost Refunds | 1,035.81 | |
| | 11,672,971.23 | |
| LESS: | | |
| Assessments and Penalties Refunded | 72,991.40 | |
| | | 11,599,979.83 |
| Silicosis Assessments | | 908,390.79 |
| Interest: | | |
| From Investments | 1,634,343.42 | |
| Exchange Premium | 44,131.20 | |
| From Bank Deposits | 2,435.26 | |
| | | 1,680,909.88 |
| Investments: | | |
| Principal returned | 689,020.63 | |
| Amount received in Excess of Book Value on Sale of Investments | 34,518.61 | |
| | | 723,539.24 |
| From Schedule 2 and Crown Employers for Administration Expenses, account of prior year, paid out of Schedule 1 in 1941 | | 62,699.00 |
| Refunds of Clinic Expenses: | | |
| From Medical Aid | 140.90 | |
| From Schedule 2 Employers | 4,382.84 | |
| | | 4,523.74 |
| | | $15,405,919.52 |

### PAYMENTS

| | | |
|---|---|---|
| Compensation paid, other than Pensions and Compensation Deferred | | $3,358,363.96 |
| Pensions | | 2,699,813.57 |
| Deferred Compensation | | 103,073.45 |
| Rehabilitation | | 12,526.85 |
| Medical Aid | | 1,939,561.93 |
| Silicosis: | | |
| Compensation | $179,941.95 | |
| Rehabilitation | 150.00 | |
| Medical Aid | 38,291.83 | |
| Expenses | 90,332.01 | |
| | | 308,715.79 |
| Under Section 8 | | 162.88 |
| Mine Rescue Work | | 17,145.99 |
| Administration Expenses | | 727,283.66 |
| Safety Associations | | 283,760.00 |
| Clinic Expenses | | 65,739.40 |
| Investments | | 5,473,923.30 |
| Cash in Banks, December 31, 1942: | | |
| Canadian Bank of Commerce | $42,382.32 | |
| Royal Bank of Canada | 71,992.09 | |
| Dominion Bank | 301,474.33 | |
| | | 415,848.74 |
| | | $15,405,919.52 |

## Table 6—Continued

### Schedule 2

| RECEIPTS | | |
|---|---|---|
| Cash in Imperial Bank of Canada, January 1, 1942 | | $95,608.47 |
| Employers' Deposits: | | |
| Under Sec. 28 | $300,314.52 | |
| Under Sec. 32 | 186,855.61 | |
| For Claimants' Moneys | 7,833.49 | 1,495,003.62 |
| Interest: | | |
| From Investments | 159,667.54 | |
| Exchange Premium | 2,236.23 | |
| From Bank Deposits | 514.67 | 162,418.44 |
| Investments: | | |
| Principal returned | | 66,722.89 |
| | | $1,819,753.42 |

| PAYMENTS | | |
|---|---|---|
| To Claimants out of Deposits under Section 28 | | $348,437.82 |
| Deposits returned to Employers under Section 28 | | 7,387.28 |
| To Claimants out of Claimants' Moneys | | 7,507.35 |
| Paid out of Deposits under Section 32: | | |
| Compensation | $1,075,557.72 | |
| Rehabilitation | 55.00 | |
| Medical Aid | 137,333.05 | 1,212,945.77 |
| Deposits returned to Employers under Section 32 | | 16,101.65 |
| Investments | | 99,218.06 |
| Cash in Imperial Bank of Canada, December 31, 1942 | | 128,155.49 |
| | | $1,819,753.42 |

## TABLE 7

## PAYMENTS TO SAFETY OR ACCIDENT PREVENTION ASSOCIATIONS, 1942

| Association | Class | Total Payments | |
|---|---|---|---|
| Lumbermen's Safety Association | 1 | $ 37,000.00 | |
| Ontario Pulp and Paper Makers' Safety Association | 2 | 13,385.00 | |
| Class 5 Accident Prevention Association | 5 | 10,500.00 | |
| Industrial Accident Prevention Associations | 3, 4, 6, 7, 8, 9, 10, 11, 12, 13(0), 14, 15, 16, 17, 18, 19, 23(0) | 156,000.00 | |
| Class 20 Accident Prevention Association | 20 | 13,000.00 | |
| Ontario Highway Construction Safety Association | 21 | 14,000.00 | |
| Electrical Employers' Association of Ontario | 22 | 5,875.00 | |
| Construction Safety Association of Ontario | 24 | 34,000.00 | |
| Charged to Schedule 1 (Table 1) | | | $283,760.00 |
| | | $283,760.00 | $283,760.00 |

## MINE RESCUE WORK ACCOUNT, 1942

| | | |
|---|---|---|
| Maintenance of Stations, Salaries and Supplies | $ 17,145.99 | |
| Administrative Supervision | 857.30 | |
| | | $ 18,003.29 |

## TABLE 8

## ANALYSIS OF ADMINISTRATION EXPENSES DURING 1942

| | | |
|---|---|---|
| Salaries of Board and Staff | $477,490.37 | |
| Travelling Expenses of Board and Staff | 46,034.60 | |
| Printing, Stationery, and Office Supplies | 43,103.04 | |
| Postage | 39,505.03 | |
| Telephone, Telegraph, and Express | 3,190.79 | |
| Legal Expenses, Witness Fees, etc. | 880.30 | |
| Claimants' Travelling Expenses and Medical Examinations | 1,620.19 | |
| Insurance and Security Service | 5,434.57 | |
| Auditor's Services, under instructions of Attorney-General | 2,500.00 | |
| Office Rent | 26,199.90 | |
| Permanent Equipment | 13,947.70 | |
| Miscellaneous Services, Equipment Rental, and Repairs | 13,107.90 | |
| Meals for Staff when working overtime (nights, Saturday afternoons, etc.) | 4,784.20 | |
| Contributions to Staff Pension Fund | 46,736.76 | |
| Total Administration Expenses, 1942 | $724,535.35 | |
| Adjustment of Prior Year's Expenses | 1.50 | |
| TOTAL ADMINISTRATION EXPENSES | | $724,536.85 |
| Charged to Mine Rescue Work | $ 857.30 | |
| Charged to Silicosis Account | 25,748.09 | |
| Charged to Schedule 2 Employers | 26,235.50 | |
| Charged to Dominion of Canada | 47,268.50 | |
| Charged to Province of Ontario | 3,468.00 | |
| Charged to Schedule 1 Employers | 620,959.46 | |
| | | $724,536.85 |

## CLINIC ACCOUNT, 1942

| | | |
|---|---|---|
| Salaries | $ 25,077.95 | |
| General Expenses | 15,018.42 | |
| Car Fares | 1,400.00 | |
| Travelling Expenses, Board, Lodging, Single Meals, and other expenses | 24,165.38 | |
| GROSS EXPENSES, 1942 | | $ 65,661.75 |
| Less Refunds | | 4,446.09 |
| TOTAL CLINIC EXPENSES, 1942 | | $ 61,215.66 |

# CHAPTER IV

## CONDITION OF FUNDS

A general statement of the condition of the funds in Schedule 1 and in Schedule 2 is contained in Table 9, and particulars of the various funds and of the Board's investments are given in Tables 10 to 14. A summary since the commencement of the Act will be found in the Appendix.

### Schedule 1 Funds

The Schedule 1 funds are known and referred to as the "Accident Fund". They comprise, in addition to current funds out of which temporary payments of compensation, medical aid and administration expenses are paid, the Pension Fund, Disaster Reserve, and Compensation Deferred. The standing of the Accident Fund, showing assets and liabilities, at December 31, 1942, is shown in Table 9. The balance of assets in excess of liabilities at that date was $3,923,293.89, being $236,948.86 Disaster Reserve, $3,346,827.13 standing at the credit of the classes December 31, 1942, and $339,517.90 reserve for depreciation of securities. This is exclusive of office equipment and furniture mentioned in Chapter III.

### Pension Fund

The Pension Fund, representing the outstanding pension liability, comprises the largest part of the funds standing to the credit of Schedule 1. The purpose of the Pension Fund is to take care of future payments of pensions which have already been awarded. Actuarial tables, embodying the contingencies of death and remarriage, have been compiled to show for each age and kind of pension the average amount (sometimes referred to as capitalized value) necessary to complete pension payments. When a pension is awarded this average amount is transferred from current funds to the Pension Fund. All payments of pensions are made from the Pension Fund. Since the amount transferred in any one instance is the average amount required, no re-transfer is made should a residue be left at the expiry of the pension, nor is any additional transfer made should the amount be exhausted before expiry of the pension.

### Particulars of Pension Fund

Table 10 gives particulars of the Pension Fund for each class. The balance in the fund at the commencement of 1942 was $28,537,870.32; $3,523,728.29 was transferred during the year for pension awards; $1,466,969.97 interest was added, and $2,699,813.57, was paid for pensions. The balance in the fund at the end of the year was $30,828,755.01.

The transfers for pension awards during the year included $206,246.09 from Silicosis Account to provide for pensions in cases of silicosis in Class 5.

### Disaster Reserve

The Disaster Reserve is a fund set aside under the provisions of Section 101 (2) of the Act to meet any unforeseen disaster or other circumstance which might unduly burden the employers in any class of industry. The fund has been accumulated by a transfer of one per cent. of the gross assessments up to the end of 1922, and for the year 1928. These are the only moneys set aside or held by the Board which do not directly cover liabilities actually incurred by reason of accidents which have already happened.

The standing of the Disaster Reserve is shown in Table 11. The balance at the end of 1942 was $236,948.86; $11,707.14 interest being added to the $236,045.72 in the fund at the beginning of the year, and $10,804.00 being withdrawn.

### Reserve for Depreciation of Securities

During 1936 a reserve for depreciation of securities was established. This reserve is made up of excess over book values when investments are sold, and up to 1939 of excess interest not allocated to the Pension Fund, Disaster Reserve, and Compensation Deferred. Withdrawals are made on refunding debentures to "write up" values to market conditions. During the year was added $34,518.61 excess over book values of sold investments. There was transferred to Schedule 1 Accident Fund $322,610.66, and to the Silicosis Account $294,791.48, leaving $339,517.90 in the Reserve at the end of 1942.

### Compensation Deferred

The funds included under "Compensation Deferred" comprise compensation moneys held at interest for claimants in Schedule 1, payment being deferred to a future time by reason of the claimant being a minor or for other reasons. The condition of the fund is shown in Table 12.

At the beginning of the year the amount on hand was $118,976.90: deferred awards during the year amounted to $151,022.06, and $2,406.84 was added during the year as interest; the payments during the year amounted to $103,073.45, leaving a balance of $169,332.35.

A considerable portion of the funds included under "Compensation Deferred" do not bear interest, payment of principal being deferred to the future.

### Silicosis Account

Table 13 gives particulars of the Silicosis Account which was established to take care of special assessments and payments in Class 5 necessitated by the addition of "Silicosis" contracted in mining operations to the list of industrial diseases under the Act, by amendment effective April 8, 1926.

The balance in the account at the beginning of 1942 was $2,801,992.02; $908,390.79 was collected by assessment; $375,242.55 was credited as interest (of which $294,791.48 came from Reserve for Depreciation of Securities), and $1,004.64 was received from the Department of Pensions and National Health as refund: $386,338.04 was paid out (or transferred to Pension Fund) for compensation; $38,291.83 for medical aid; $85,325.33 for salaries and expenses in connection with examinations of mine-workers; $25,748.09 was transferred to the Accident Fund for the expenses of supervision and handling claims; $5,006.68 was paid for salaries and expenses of the Referee Board. The surplus in the account December 31, 1942, was $3,545,920.03, against which there is a liability for incurred losses of $3,194,805.37, leaving a surplus of $351,114.66.

### Investments

Particulars of the Board's investments are given in Table 14.

The total invested at the end of the year in Schedule 1 was $42,554,258.36, consisting of $37,769,355.69, value of investments at the beginning of the year, $5,473,923.30, invested during the year, less $689,020.63 principal returned.

Particulars of each investment are shown in the list, including kind of investment, particular security, face rate of interest, term, par value, and book value.

With the exception of short-date deposits of current funds intended for use before the current year's assessments are received, all investments consist of Province of Ontario debentures, municipal or municipally-guaranteed debentures, and Dominion of Canada guaranteed bonds.

The average rate of interest received on permanent investments in Schedule 1 during 1942 was approximately 4.21 per cent., as compared with 4.36 per cent. in 1941, and 4.52 per cent. in 1940. A nominal half of one per cent. is received on current bank balances.

## Schedule 2 Funds

The funds handled by the Board in respect of Schedule 2 industries include employers' deposits for pensions required to be made with the Board under the provisions of Section 28 of the Act, temporary deposits or advances of money made by employers under Section 32 to facilitate prompt payment of claims, and claimants' moneys held by the Board in cases of awards, payment of which by reason of the claimant being a minor, or for other reason, is deferred to a future time.

The standing of Schedule 2 funds at December 31, 1942, is shown in the latter part of Table 9, and the particulars and a list of Schedule 2 investments are given in Table 14.

At the end of 1942 the deposits held under Section 28 amounted to $3,260,597.58; deposits under Section 32 to $51,630.17; the amount of claimants' moneys held by the Board was $13,906.50; $214,204.90 reserve for depreciation of securities; and unapportioned interest of $514.67, making a total of $3,540,853.82, of which $3,412,698.33 was held in permanent investments, and $128,155.49 cash in bank.

The rate of interest distributed to Schedule 2 Funds, not including reserve for depreciation of securities, during 1942 was 5.16 per cent. as compared with 5.28 per cent. distributed in 1941 and 5.655 per cent. distributed in 1940.

## TABLE 9

### STANDING SCHEDULE 1 ACCIDENT FUND AS AT DECEMBER 31, 1942

| ASSETS | | |
|---|---|---|
| Cash in Banks: | | |
| Canadian Bank of Commerce.... | $42,382.32 | |
| Royal Bank of Canada....... | 71,992.09 | |
| Dominion Bank.. | 301,474.33 | |
| | | $415,848.74 |
| Investments................ | | 42,554,258.36 |
| Due for Administrative Expense: | | |
| From Schedule 2 Employers.... | 26,235.50 | |
| From Dominion of Canada..... | 47,268.50 | |
| From Province of Ontario....... | 3,468.00 | |
| | | 76,972.00 |
| Assessments estimated to be due on adjustment of 1942 Pay Rolls (see Table 1)..... | | 1,065,830.00 |
| Accountable Warrants to Members of Staff............... | | 4,696.25 |
| Salary Advances to Members of Staff..................... | | 305.00 |
| Due from Staff for Victory Loan purchases, instalment plan terminating April 15, 1943.. | | 3,297.06 |
| | | $44,121,207.41 |

| LIABILITIES | | |
|---|---|---|
| Compensation Awarded, payment deferred other than pensions................. | | $169,332.35 |
| Pension Liability............ | | 30,828,755.01 |
| Silicosis Account: | | |
| Incurred Losses | $3,194,805.37 | |
| Surplus....... | 351,114.66 | |
| | | 3,545,920.03 |
| Compensation and Medical Aid Estimated Outstanding..... | | 4,113,340.49 |
| Estimated for Pneumoconiosis: | | |
| Definite....... | 1,157,927.60 | |
| Contingent.... | 382,638.04 | |
| | | 1,540,565.64 |
| Assets in Excess of Liabilities: | | |
| Disaster Reserve. | 236,948.86 | |
| Reserve for Depreciation of Securities... | 339,517.90 | |
| Balance at Credit of Classes (see Table 1) | 3,346,827.13 | |
| | | 3,923,293.89 |
| | | $44,121,207.41 |

### STANDING SCHEDULE 2 FUNDS AS AT DECEMBER 31, 1942

| ASSETS | |
|---|---|
| Cash in Imperial Bank of Canada...................... | $ 128,155.49 |
| Investments................ | 3,412,698.33 |
| | $3,540,853.82 |

| LIABILITIES | | |
|---|---|---|
| Balance Employers' Deposits: | | |
| Under Sec. 28. | $3,260,597.58 | |
| Under Sec. 32. | 51,630.17 | |
| | | 3,312,227.75 |
| Claimants' Moneys held by the Board.................... | | 13,906.50 |
| Reserve for Depreciation of Securities................. | | 214,204.90 |
| Interest earned but not distributed in 1942........... | | 514.67 |
| | | $3,540,853.82 |

## TABLE 10

## PENSION FUND, SCHEDULE 1 BY CLASSES, DECEMBER 31, 1942

| Class | Balance Forward from 1941 | Pension Awards during 1942 | Interest Received | Pension Payments | Balance as at Dec. 31, 1942 | Class |
|---|---|---|---|---|---|---|
| | $ c. | $ c. | $ c. | $ c. | $ c. | |
| 1 | 2,495,851.05 | 253,313.50 | 127,195.54 | 223,304.75 | 2,653,055.34 | 1 |
| 2 | 1,316,339.22 | 71,530.59 | 65,739.50 | 109,861.57 | 1,343,747.74 | 2 |
| 3 | 295,451.14 | 41,339.50 | 15,331.93 | 27,281.95 | 324,840.62 | 3 |
| 4 | 765,177.30 | 80,447.89 | 38,740.15 | 82,367.30 | 801,998.04 | 4 |
| 5 | 5,629,802.52 | *771,803.49 | 291,787.00 | 520,980.39 | 6,172,412.62 | 5 |
| 6 | 1,026,325.28 | 94,899.49 | 51,716.15 | 106,877.13 | 1,066,063.79 | 6 |
| 7 | 730,002.41 | 154,759.59 | 39,008.93 | 79,111.26 | 844,659.67 | 7 |
| 8 | 557,484.19 | 307,079.00 | 34,539.24 | 62,152.73 | 836,949.70 | 8 |
| 9 | 1,050,268.51 | 183,717.06 | 55,227.91 | 103,829.22 | 1,185,384.26 | 9 |
| 10 | 1,483,371.53 | 239,593.05 | 78,016.51 | 129,484.06 | 1,671,497.03 | 10 |
| 11 | 1,131,895.44 | 221,623.79 | 60,269.86 | 108,125.01 | 1,305,664.08 | 11 |
| 12 | 803,313.49 | 87,335.02 | 40,708.52 | 85,443.90 | 845,913.13 | 12 |
| 13 | 581,729.72 | 41,204.00 | 29,267.75 | 49,112.13 | 603,089.34 | 13 |
| 14 | 254,065.47 | 27,907.86 | 12,856.26 | 28,255.73 | 266,573.86 | 14 |
| 15 | 1,137,957.61 | 128,490.82 | 58,061.59 | 112,802.48 | 1,211,707.54 | 15 |
| 16 | 712,842.88 | 78,651.28 | 36,622.15 | 59,095.47 | 769,020.84 | 16 |
| 17 | 585,956.29 | 49,524.60 | 29,644.94 | 51,015.12 | 614,110.71 | 17 |
| 18 | 239,132.99 | 1,363.16 | 11,640.74 | 19,608.00 | 232,528.89 | 18 |
| 19 | 387,165.09 | 35,571.21 | 19,594.03 | 35,143.58 | 407,186.75 | 19 |
| 20 | 1,188,269.34 | 106,137.17 | 60,240.88 | 101,262.03 | 1,253,385.36 | 20 |
| 21 | 1,364,807.11 | 126,662.25 | 69,170.23 | 125,770.14 | 1,434,869.45 | 21 |
| 22 | 634,986.28 | 100,227.25 | 33,017.01 | 69,364.77 | 698,865.77 | 22 |
| 23 | 1,311,563.29 | 50,161.84 | 64,706.77 | 114,821.05 | 1,311,610.85 | 23 |
| 24 | 2,854,112.17 | 270,384.88 | 143,866.38 | 294,743.80 | 2,973,619.63 | 24 |
| | 28,537,870.32 | 3,523,728.29 | 1,466,969.97 | 2,699,813.57 | 30,828,755.01 | |

TRANSFERRED WITHIN THE FUND:

| | |
|---|---|
| Class 1 to 10 | $737.75 |
| Class 2 to 5 | 819.00 |
| Class 8 to 24 | 358.00 |
| Class 17 to 10 | 384.00 |
| Class 20 to 10 | 448.00 |

*Transferred from Silicosis Account, Class 5—$206,246.09

## TABLE 11

## DISASTER RESERVE, DECEMBER 31, 1942

| | | |
|---|---|---|
| Balance in Fund as at January 1, 1942 | | $236,045.72 |
| Interest credited in 1942 | | 11,707.14 |
| | | $247,752.86 |
| Withdrawn account Class 3 | $ 1,203.00 | |
| Withdrawn account Class 4 | 681.00 | |
| Withdrawn account Class 7 | 4,609.00 | |
| Withdrawn account Class 10 | 3,503.00 | |
| Withdrawn account Class 11 | 808.00 | |
| | | 10,804.00 |
| Balance as at December 31, 1942 | | $236,948.86 |

## RESERVE FOR DEPRECIATION OF SECURITIES

| | | |
|---|---|---|
| Balance in Fund as at January 1, 1942 | | $922,401.43 |
| Amount received from Sale of Investments in Excess of Book Value | | 34,518.61 |
| | | $956,920.04 |
| Transferred to Classes | $322,610.66 | |
| Transferred to Silicosis Account | 294,791.48 | |
| | | 617,402.14 |
| Balance as at December 31, 1942 | | $339,517.90 |

## TABLE 12

## COMPENSATION DEFERRED, DECEMBER 31, 1942

| | |
|---|---|
| Balance in Fund, January 1, 1942 | $118,976.90 |
| Compensation awarded, payment deferred, during 1942 | 151,022.06 |
| Interest credited in 1942 | 2,406.84 |
| | 272,405.80 |
| Paid claimants during 1942 | 103,073.45 |
| Balance as at December 31, 1942 | $169,332.35 |

## TABLE 13

## SILICOSIS ACCOUNT, DECEMBER 31, 1942

| | | |
|---|---|---|
| Balance in Fund, January 1, 1942 | $2,801,992.02 | |
| Assessments collected | 908,390.79 | |
| Received from the D. P. & N. H. | 1,004.64 | |
| Interest credited during 1942 | 375,242.55 | |
| Payments made during 1942: | | |
| Compensation | | $ 386,338.04 |
| Medical Aid | | 38,291.83 |
| Salaries and Expenses | | 85,325.33 |
| Administrative Supervision and for handling Claims | | 25,748.09 |
| Salaries and Expenses of Referee Board | | 5,006.68 |
| Balance in Account, December 31, 1942 | | 3,545,920.03 |
| | $4,086,630.00 | $4,086,630.00 |

## TABLE 14

## INVESTMENTS, DECEMBER 31, 1942

### Schedule 1

| | |
|---|---|
| Book Value of Investments, January 1, 1942 | $37,769,355.69 |
| Invested during the year | 5,473,923.30 |
| | $43,243,278.99 |
| Less Principal returned | 689,020.63 |
| BOOK VALUE OF INVESTMENTS, DECEMBER 31, 1942 | $42,554,258.36 |

### Schedule 2

| | |
|---|---|
| Book Values of Investments, January 1, 1942 | $ 3,380,203.16 |
| Invested during the year | 99,218.06 |
| | 3,479,421.22 |
| Less Principal returned | 66,722.89 |
| BOOK VALUE OF INVESTMENTS, DECEMBER 31, 1942 | $ 3,412,698.33 |

## TABLE 14—Continued

## LIST OF INVESTMENTS

## SCHEDULE 1 FUNDS

### Municipal Debentures

| Security | Face Rate | Term | Par Value | Book Value |
|---|---|---|---|---|
| | | | $ c. | $ c. |
| Belleville: | 5½% | May, 1, 1952 | 120,000.00 | 121,780.48 |
| | 5% | 1947–1949 | 20,000.00 | 19,720.52 |
| | 4½% | 1943–1954 | 156,000.00 | 151,885.45 |
| | 5% | 1946–1960 | 147,388.05 | 140,053.92 |
| | 5% | 1946–1950 | 17,856.38 | 17,232.30 |
| | 5% | 1945–1959 | 24,545.76 | 23,336.44 |
| Bowmanville | 5% | 1945–1949 | 41,035.25 | 40,556.28 |
| Brampton | 4½% | 1943–1944 | 417.34 | 414.71 |
| Brantford: | 6% | 1943–1947 | 29,000.00 | 29,011.42 |
| | 5% | 1943–1949 | 37,100.00 | 36,414.68 |
| | 5½% | 1943–1953 | 11,000.00 | 11,299.57 |
| | 4% | Dec. 31, 1950 | 5,000.00 | 4,673.62 |
| | 5% | Dec. 15, 1963 | 50,000.00 | 59,028.52 |
| Burlington | 5% | 1943–1951 | 9,981.10 | 10,070.48 |
| Capreol | 6% | 1951–1958 | 18,000.00 | 18,322.28 |
| Collingwood (guaranteed by County of Simcoe) | 5-4½% | 1967–1975 | 191,000.00 | 185,951.44 |
| Dundas | 5½% | 1943–1946 | 6,029.32 | 6,033.92 |
| East York: | 5-4½% | 1962–1979 | 172,187.29 | 165,486.84 |
| | 5-4½% | 1963–1979 | 72,105.65 | 69,337.23 |
| Essex, Town of | 3¾% | 1943–1949 | 1,266.00 | 1,266.00 |
| Etobicoke: | 5½% | 1946–1949 | 45,000.00 | 46,042.95 |
| | 5% | 1943–1957 | 19,363.73 | 19,411.59 |
| | 5% | 1943–1957 | 65,000.00 | 64,190.32 |
| | 5% | 1943–1958 | 22,765.88 | 22,827.53 |
| | 5% | 1943–1948 | 42,000.00 | 40,512.47 |
| | 4½% | 1948–1962 | 7,000.00 | 7,000.00 |
| | 4½% | 1943–1963 | 26,902.43 | 26,902.43 |
| Fort Erie: | 5½-4½% | 1971–1979 | 50,715.22 | 50,715.22 |
| | 5½-4½% | 1970–1979 | 23,621.00 | 23,621.00 |
| | 5½-4½% | 1975–1978 | 13,403.01 | 13,403.01 |
| Fort William: | 5% | Feb. 1, 1944 | 25,000.00 | 24,738.76 |
| | 6% | May 1, 1950 | 10,000.00 | 9,762.86 |
| | 5% | Apr. 1, 1955 | 55,000.00 | 54,377.27 |
| | 5% | 1946 & 1951 | 69,924.85 | 70,233.82 |
| | 5% | July 1, 1952 | 34,672.60 | 34,907.80 |
| | 5% | July 1, 1947 | 42,751.00 | 42,905.31 |
| | 5% | Apr. 1, 1959 | 76,000.00 | 75,406.26 |
| | 5% | Jan. 1, 1957 | 30,000.00 | 30,915.54 |
| Fort William (Guaranteeing McKellar Hospital) | 4½% | May 1, 1948 | 88,000.00 | 87,471.13 |
| Forest Hill Village: | 5% | 1943–1957 | 44,730.93 | 44,618.98 |
| | 5% | 1945–1959 | 101,281.75 | 96,713.34 |
| Galt: | 5, 5½ & 6% | Dec. 6, 1961 | 19,284.69 | 18,607.01 |
| | 5½% | Dec. 1, 1962 | 68,400.36 | 70,933.26 |
| | 6% | Dec. 1, 1962 | 14,135.90 | 15,531.72 |
| | 5½% | Dec. 15, 1964 | 14,097.18 | 15,129.33 |
| | 5½% | July 2, 1965 | 35,254.75 | 37,373.41 |
| Guelph: | 4% | Dec. 31, 1953 | 46,441.00 | 41,989.35 |

## TABLE 14—Continued

### Municipal Debentures—Continued

| Security | Face Rate | Term | Par Value | Book Value |
|---|---|---|---|---|
| | | | $ c. | $ c. |
| Hamilton: | 5% | 1944–1945 | 21,000.00 | 20,707.01 |
| | 4½% | Mar. 1, 1947 | 10,000.00 | 9,800.73 |
| | 5% | 1947–1949 | 54,000.00 | 53,836.94 |
| | 5% | 1947–1949 | 104,000.00 | 103,686.95 |
| | 5% | 1947–1949 | 6,000.00 | 5,982.10 |
| | 5% | 1947–1949 | 2,000.00 | 1,994.05 |
| | 4½% | 1946–1948 | 19,000.00 | 18,563.70 |
| | 4½% | 1946–1949 | 42,000.00 | 41,019.79 |
| | 4½% | 1946–1948 | 47,000.00 | 45,938.50 |
| | 4½% | 1946–1948 | 55,000.00 | 53,636.65 |
| | 4½% | 1946–1948 | 32,000.00 | 31,205.03 |
| | 4½% | 1946–1948 | 9,000.00 | 8,777.74 |
| | 4½% | 1946–1948 | 16,000.00 | 15,602.18 |
| | 4½% | 1946–1949 | 82,000.00 | 79,960.84 |
| | 4½% | 1946–1949 | 51,000.00 | 49,729.68 |
| | 6% | 1943–1952 | 170,000.00 | 169,900.75 |
| | 6% | Apr. 1, 1950 | 26,000.00 | 26,709.22 |
| | 6% | Apr. 1, 1952 | 17,000.00 | 17,536.00 |
| | 5% | 1959–1963 | 50,000.00 | 50,301.24 |
| | 5% | Apr. 1, 1945 | 3,000.00 | 2,986.20 |
| | 4½% | Feb. 1, 1944 | 4,000.00 | 3,960.00 |
| | 5% | 1950–1951 | 28,000.00 | 27,653.59 |
| | 5% | 1952–1953 | 100,000.00 | 98,590.34 |
| | 5% | April 1, 1951 | 22,000.00 | 21,722.94 |
| Hanover | 5½% | 1945–1959 | 65,703.97 | 66,542.31 |
| Hawkesbury | 6% | 1933–1940 | 51,432.34 | 48,982.22 |
| Kenora | 5% | 1943–1956 | 35,000.00 | 34,296.94 |
| Kingston: | 6% | 1943–1948 | 800.00 | 796.28 |
| | 6% | 1944–1945 | 11,300.00 | 11,280.81 |
| Kingsville | 4½% | 1943–1956 | 18,802.08 | 18,802.08 |
| Kitchener: | 5½% | 1943–1946 | 315.03 | 313.29 |
| | 5½% | 1946–1951 | 28,160.08 | 28,527.03 |
| | 5½% | 1946–1952 | 18,281.49 | 18,532.86 |
| La Salle | ..... | ......... | 2,279.90 | 2,279.90 |
| Leaside: | 5½% | 1943–1949 | 57,000.00 | 55,971.60 |
| | 4½% | 1943–1957 | 25,059.14 | 25,059.14 |
| | 4½% | 1949–1959 | 54,296.74 | 54,121.28 |
| Listowel | 5½% | 1943–1947 | 5,876.66 | 5,815.35 |
| London | 5% | 1946–1950 | 58,000.00 | 58,466.00 |
| Midland (Guaranteed by County of Simcoe) | 5½-4½% | 1961–1969 | 14,339.86 | 14,339.86 |
| | 5½-4½% | 1961–1967 | 10,720.05 | 10,720.05 |
| | 5-4½% | 1961–1969 | 36,422.68 | 36,422.68 |
| | 5-4½% | 1962–1973 | 45,448.30 | 45,448.30 |
| Mimico: | 5½-4½% | 1948–1968 | 59,991.10 | 59,991.10 |
| | 5-4½% | 1948–1965 | 33,360.29 | 33,360.29 |
| | 5½-4½% | 1948–1968 | 39,880.05 | 39,880.05 |
| Mount Forest | 5% | 1945–1948 | 26,183.59 | 25,976.82 |
| New Toronto: | 3% | 1945–1952 | 40,000.00 | 38,860.22 |
| | 3% | 1945–1952 | 40,000.00 | 38,306.67 |
| Niagara Falls: | 5% | April 1, 1945 | 8,000.00 | 7,657.33 |
| | 5½% | 1943–1953 | 48,098.50 | 48,534.89 |
| | 5% | 1943–1952 | 11,033.76 | 10,865.67 |
| | 3½% | 1945–1949 | 23,000.00 | 23,000.00 |
| North Bay: | 5% | 1943–1947 | 20,808.49 | 20,953.04 |
| | 4½% | May 1, 1943 | 2,851.33 | 2,844.56 |
| | 5½% | 1943–1948 | 100,982.87 | 102,295.84 |

## TABLE 14—Continued

### Municipal Debentures—Continued

| Security | Face Rate | Term | Par Value | Book Value |
|---|---|---|---|---|
| | | | $ c. | $ c. |
| Northumberland and Durham, United Counties of | 5% | 1943–1948 | 13,529.94 | 13,441.24 |
| North York, Twp. of: | 5½% | 1943–1944 | 7,724.93 | 7,783.54 |
| | 5½% | Oct. 1, 1943 | 6,979.88 | 7,016.86 |
| | 5½% | 1943–1957 | 36,885 12 | 38,273.05 |
| | 5% | 1943–1948 | 29,779.68 | 29,997.87 |
| | 5½% | 1943–1958 | 21,586.83 | 22,528.94 |
| Orillia (Guaranteed by County of Simcoe) | 5% | 1943–1954 | 15,913.99 | 15,957.78 |
| Oshawa: | 6% | 1945–1951 | 45,133.48 | 44,295.95 |
| | 5% | June 1, 1943 | 17,000.00 | 16,940.95 |
| | 5½% | 1945–1949 | 100,000.00 | 99,334.33 |
| Ottawa: | 6% | July 1, 1951 | 15,000.00 | 16,083.48 |
| | 5½% | 1951 & 1961 | 226,000.00 | 225,666.55 |
| | 5½% | July 1, 1961 | 114,000.00 | 113,475.23 |
| | 5½% | July 1, 1961 | 46,000.00 | 45,877.64 |
| | 5½% | July 1, 1961 | 10,000.00 | 12,472.49 |
| Parry Sound: | 6% | 1943 & 1944 | 929.55 | 924.58 |
| | 6% | 1943–1950 | 33,835.09 | 32,349.54 |
| Pembroke | 5-4½% | 1956–1961 | 75,025.53 | 75,025.53 |
| Perth: | 5% | 1944–1948 | 55,000.00 | 55,421.52 |
| | 5% | 1945–1950 | 21,000.00 | 20,911.88 |
| Peterborough | 4½% | June 30, 1951 | 50,000.00 | 45,529.48 |
| Port Arthur: | 5% | June 1, 1959 | 50,000.00 | 48,902.93 |
| | 5½% | June 1, 1948 | 53,000.00 | 50,854.75 |
| Port Arthur (Guaranteeing General Hospital) | 5½% | Nov. 1, 1955 | 100,000.00 | 103,523.12 |
| | 5½% | Oct. 1, 1954 | 40,000.00 | 41,241.61 |
| Renfrew: | 6% | 1943–1947 | 2,850.88 | 2,864.08 |
| | 5% | 1947–1958 | 55,034.42 | 55,269.29 |
| Richmond Hill | 5½% | 1943 & 1944 | 1,270.38 | 1,270.38 |
| Riverside | ..... | ......... | 6,399.65 | 6,399.65 |
| St. Mary's: | 5% | Oct. 31, 1943 | 4,870.30 | 4,853.87 |
| | 5% | Jan. 1, 1944 | 2,500.00 | 2,487.86 |
| St. Thomas | 6% | 1949–1951 | 44,646.59 | 43,660.15 |
| Sandwich East | ..... | ......... | 5,399.71 | 5,399.71 |
| Sandwich West: | ..... | ......... | 7,539.62 | 7,539.62 |
| | 6-½% | 1938–1948 | 80,272.18 | 12,040.83 |
| Sarnia | 5% | 1943–1947 | 54,963.38 | 54,625.61 |
| Sault Ste. Marie: | 6% | Mar. 25, 1949 | 24,771.50 | 25,435.20 |
| | 5½% | April 1, 1950 | 45,000.00 | 42,604.39 |
| | 5½% | Jan. 20, 1945 | 6,000.00 | 6,056.09 |
| | 5½% | Jan. 20, 1945 | 4,000.00 | 4,023.14 |
| | 5% | June 1, 1949 | 3,900.00 | 3,846.88 |
| | 5½% | Dec. 15, 1949 | 5,000.00 | 5,072.42 |
| Scarborough: | 5-4½% | 1960–1966 | 25,000.00 | 25,017.16 |
| | 5-4½% | 1964–1978 | 75,474.03 | 73,369.28 |
| | 4½% | Dec. 15, 1960 | 689.23 | 689.23 |
| Simcoe, Town of | 6% | 1943–1945 | 1,611.78 | 1,624.85 |
| Sioux Lookout | 6% | 1944–1947 | 4,000.00 | 4,000.00 |
| Smith's Falls: | 5½% | 1943–1944 | 989.64 | 989.64 |
| | 6% | 1943–1946 | 4,783.00 | 4,838.15 |
| | 5½% | 1943–1947 | 4,579.15 | 4,542.14 |
| | 5% | 1944–1946 | 54,000.00 | 54,000.00 |
| Stratford: | 5% | Jan. 1, 1945 | 25,000.00 | 24,768.65 |
| | ..... | ......... | 15,000.00 | 14,860.86 |
| | ..... | ......... | 10,000.00 | 9,907.46 |
| | ..... | ......... | 13,000.00 | 12,840.65 |
| | ..... | ......... | 2,000.00 | 2,003.17 |
| | 6% | Jan. 1, 1951 | 40,000.00 | 39,366.47 |
| | 5½% | Jan. 1, 1952 | 13,000.00 | 13,085.65 |
| | 5% | June 15, 1955 | 30,000.00 | 30,146.08 |

## TABLE 14—Continued

### Municipal Debentures—Continued

| Security | Face Rate | Term | Par Value | Book Value |
|---|---|---|---|---|
| | | | $ c. | $ c. |
| Sudbury: | 5% | 1943–1949 | 36,788.22 | 36,174.44 |
| | 5% | 1945–1948 | 66,235.66 | 66,094.05 |
| | 3% | 1950–1954 | 69,052.75 | 66,722.90 |
| | 3% | 1945–1949 | 29,565.51 | 28,882.66 |
| Thorold | 5-4½% | Aug. 15, 1979 | 3,000.00 | 2,957.27 |
| Tillsonburg: | 5½% | Mar. 20, 1945 | 975.00 | 975.00 |
| | 5½% | 1943 & 1944 | 190.55 | 190.55 |
| Timmins: | 4% | 1943–1949 | 62,899.88 | 63,738.84 |
| | 4% | 1943–1949 | 22,443.58 | 22,867.44 |
| Toronto: | 4½% | July 1, 1948 | 4,000.00 | 3,711.78 |
| | 4½% | Jan. 1, 1955 | 19,000.00 | 16,556.95 |
| | 5½% | 1945–1947 | 11,000.00 | 10,825.86 |
| | 6% | 1943–1951 | 48,000.00 | 48,000.00 |
| | 5½% | 1945–1951 | 19,000.00 | 19,306.49 |
| | 6% | 1945–1951 | 9,000.00 | 9,356.56 |
| | 5% | July 1, 1950 | 20,000.00 | 20,093.57 |
| | 5% | April 1, 1950 | 25,000.00 | 25,116.93 |
| | 4½% | June 1, 1946 | 7,000.00 | 6,899.90 |
| | 4½% | May 1, 1945 | 2,000.00 | 1,979.06 |
| | 4½% | 1944–1948 | 26,000.00 | 25,713.98 |
| | 5% | 1947–1951 | 61,000.00 | 61,166.35 |
| | 5½% | Mar. 1, 1949 | 2,000.00 | 2,066.10 |
| | 6% | June 1, 1950 | 10,000.00 | 10,735.34 |
| | 5½% | 1946–1958 | 53,000.00 | 53,501.79 |
| | 5½% | April 1, 1957 | 25,000.00 | 24,632.15 |
| | 5½% | April 1, 1947 | 5,000.00 | 4,960.72 |
| | 5½% | 1958–1962 | 125,000.00 | 123,351.83 |
| | 5½% | 1947–1952 | 17,000.00 | 16,509.10 |
| | 5% | July 1, 1946 | 30,000.00 | 29,988.15 |
| | 5½% | April 1, 1952 | 5,000.00 | 5,149.06 |
| | 5½% | 1950–1951 | 15,000.00 | 15,416.72 |
| | 5½% | April 1, 1951 | 11,000.00 | 11,338.64 |
| | 6% | 1946–1951 | 20,000.00 | 21,060.68 |
| | 4½% | Aug. 1, 1951 | 28,000.00 | 26,526.34 |
| | 6% | July 1, 1951 | 10,000.00 | 10,018.62 |
| | 3½% | Dec. 1, 1962 | 54,000.00 | 54,767.72 |
| Toronto Harbour Commission (Guaranteed by City of Toronto) | 4½% | Sept. 1, 1953 | 14,000.00 | 13,297.19 |
| Toronto, Twp. of | 5½% | 1943–1952 | 14,579.58 | 15,054.38 |
| Trenton | 5½% | Mar. 14, 1943 | 15,000.00 | 15,070.48 |
| Welland, County of | 5% | Dec. 15, 1945 | 10,000.00 | 8,899.47 |
| Weston: | 6% | 1949–1952 | 24,949.65 | 26,651.37 |
| | 3% | 1948–1950 | 33,382.30 | 32,098.91 |
| West Gwillimbury (Guaranteed by County of Simcoe) | 5½% | 1944–1956 | 32,796.11 | 32,878.50 |
| Whitby: | 5½% | 1943–1946 | 3,728.57 | 3,739.28 |
| | 5½% | 1943–1946 | 1,350.57 | 1,355.41 |
| | 5½% | 1943–1946 | 1,688.22 | 1,708.33 |
| Windsor: | 4% | Dec. 31, 1975 | 162,300.66 | 170,953.98 |
| | 4% | Dec. 31, 1975 | 145,738.15 | 151,043.16 |
| | 4% | Dec. 31, 1975 | 25,000.00 | 25,047.75 |
| | 4% | Jan. 1, 1948 | 698.72 | 698.72 |
| | 3¼% | Dec. 31, 1975 | 604,238.79 | 574,813.19 |
| | 3¼% | Dec. 31, 1975 | 110,000.00 | 104,645.51 |
| | 3¼% | Jan. 1, 1948 | 634.38 | 634.38 |
| | 2% | Dec. 31, 1975 | 145,737.13 | 103,154.68 |
| | 2% | Dec. 31, 1975 | 18,000.00 | 12,741.82 |
| | 2% | Jan. 1, 1948 | 679.06 | 679.06 |
| | 1½% | Dec. 31, 1975 | 598,654.36 | 365,425.15 |
| | 1½% | Dec. 31, 1975 | 15,000.00 | 9,156.17 |
| | 1½% | Jan. 1, 1948 | 819.22 | 819.22 |

## TABLE 14—Continued

### Municipal Debentures—Continued

| Security | Face Rate | Term | Par Value | Book Value |
|---|---|---|---|---|
| | | | $ c. | $ c. |
| York, Twp. of: | 5-4½% | 1966–1973 | 100,000.00 | 100,064.25 |
| | 6-4½% | 1967–1977 | 102,407.13 | 103,421.11 |
| | 5-4½% | 1975–1979 | 225,000.00 | 218,017.28 |
| | 5-4½% | 1967–1973 | 195,000.00 | 195,086.71 |
| | 5-4½% | 1972–1979 | 22,000.00 | 22,000.00 |
| | 5-4½% | Feb. 1, 1977 | 25,000.00 | 25,292.60 |
| | 5½-4½% | 1966–1975 | 20,731.26 | 21,137.42 |
| | 6-4½% | 1967–1977 | 8,679.27 | 9,023.35 |
| | 6-4½% | 1966–1977 | 27,659.28 | 28,854.57 |
| | 5-4½% | 1972–1979 | 74,000.00 | 73,504.71 |
| | 5-4½% | 1972–1979 | 110,295.98 | 105,525.21 |
| York Twp. (Guaranteed by County of York): | 5% | 1951–1956 | 93,000.00 | 89,848.75 |
| | 5% | 1946–1957 | 21,000.00 | 21,077.04 |
| | | | 9,997,855.72 | 9,562,266.50 |

### Other Permanent Investments

| Security | Face Rate | Term | Par Value | Book Value |
|---|---|---|---|---|
| Canadian National Railways (Guaranteed by Dominion of Canada): | | | $ c. | $ c. |
| | 5% | Feb. 1, 1954 | 100,000.00 | 103,188.67 |
| | 5% | Feb. 1, 1954 | 50,000.00 | 51,545.22 |
| | 5% | Feb. 1, 1954 | 80,000.00 | 77,865.25 |
| | 5% | Feb. 1, 1954 | 36,000.00 | 34,928.16 |
| | 5% | Feb. 1, 1954 | 121,000.00 | 118,634.65 |
| | 5% | Feb. 1, 1954 | 247,000.00 | 242,965.79 |
| | 5% | Feb. 1, 1954 | 50,000.00 | 51,365.42 |
| | 5% | Feb. 1, 1954 | 23,000.00 | 23,640.16 |
| | 5% | Feb. 1, 1954 | 50,000.00 | 51,545.22 |
| | 5% | Feb. 1, 1954 | 50,000.00 | 51,426.50 |
| | 5% | Feb. 1, 1954 | 60,000.00 | 61,711.80 |
| | 5% | Feb. 1, 1954 | 25,000.00 | 25,735.94 |
| | 5% | Feb. 1, 1954 | 90,000.00 | 92,584.53 |
| | 5% | Feb. 1, 1954 | 463,000.00 | 455,433.19 |
| | 5% | Feb. 1, 1954 | 40,000.00 | 36,374.28 |
| | 5% | Feb. 1, 1954 | 115,000.00 | 128,622.72 |
| | 5% | Feb. 1, 1954 | 43,000.00 | 48,130.85 |
| | 5% | Feb. 1, 1954 | 100,000.00 | 112,449.54 |
| | 5% | Feb. 1, 1954 | 40,000.00 | 45,117.53 |
| | 5% | Feb. 1, 1954 | 25,000.00 | 27,651.23 |
| | 5% | Feb. 1, 1954 | 50,000.00 | 55,287.86 |
| | 5% | Feb. 1, 1954 | 25,000.00 | 27,557.11 |
| | 5% | Feb. 1, 1954 | 90,000.00 | 100,197.24 |
| | 5% | Feb. 1, 1954 | 50,000.00 | 56,435.26 |
| | 5% | Feb. 1, 1954 | 50,000.00 | 56,506.01 |
| | 5% | Feb. 1, 1954 | 40,000.00 | 45,145.61 |
| | 5% | Feb. 1, 1954 | 32,000.00 | 36,116.55 |
| | 5% | Feb. 1, 1954 | 46,000.00 | 52,769.89 |
| | 5% | Feb. 1, 1954 | 50,000.00 | 57,051.58 |
| | 5% | Feb. 1, 1954 | 50,000.00 | 57,305.64 |
| | 5% | Feb. 1, 1954 | 25,000.00 | 28,025.13 |
| | 5% | Feb. 1, 1954 | 25,000.00 | 28,272.81 |
| | 4¾% | June 15, 1955 | 22,000.00 | 24,587.67 |
| | 4¾% | June 15, 1955 | 24,000.00 | 27,159.64 |
| | 4½% | July 1, 1957 | 100,000.00 | 108,884.75 |
| | 4½% | July 1, 1957 | 75,000.00 | 81,524.38 |
| | 4½% | July 1, 1957 | 100,000.00 | 108,884.64 |
| | 4½% | July 1, 1957 | 100,000.00 | 108,791.90 |
| | 4½% | July 1, 1957 | 60,000.00 | 65,663.84 |
| | 4½% | July 1, 1957 | 100,000.00 | 109,809.14 |
| | 4½% | July 1, 1957 | 120,000.00 | 132,348.47 |

## TABLE 14—Continued

### Other Permanent Investments—Continued

| Security | Face Rate | Term | Par Value | Book Value |
|---|---|---|---|---|
| | | | $ c. | $ c. |
| Canadian National Railways (Guaranteed by Dominion of Canada): | 4½% | July 1, 1957 | 65,000.00 | 71,615.34 |
| | 4½% | July 1, 1957 | 75,000.00 | 82,010.01 |
| | 4½% | July 1, 1957 | 244,000.00 | 269,106.79 |
| | 4½% | July 1, 1957 | 52,000.00 | 57,871.98 |
| | 4½% | July 1, 1957 | 100,000.00 | 112,510.00 |
| | 4½% | July 1, 1957 | 117,000.00 | 130,481.25 |
| | 4½% | July 1, 1957 | 25,000.00 | 28,052.93 |
| | 4½% | July 1, 1957 | 30,000.00 | 33,007.71 |
| | 4½% | July 1, 1957 | 15,000.00 | 16,288.50 |
| | 4½% | July 1, 1957 | 50,000.00 | 55,241.89 |
| | 4½% | July 1, 1957 | 25,000.00 | 27,667.16 |
| | 4½% | July 1, 1957 | 50,000.00 | 55,047.60 |
| | 4½% | July 1, 1957 | 32,000.00 | 35,230.44 |
| | 4½% | July 1, 1957 | 23,000.00 | 25,411.46 |
| | 4½% | July 1, 1957 | 40,000.00 | 44,387.56 |
| | 4½% | July 1, 1957 | 50,000.00 | 56,235.04 |
| | 4½% | July 1, 1957 | 50,000.00 | 55,911.43 |
| | 4½% | July 1, 1957 | 50,000.00 | 55,950.43 |
| | 4½% | July 1, 1957 | 35,000.00 | 39,223.05 |
| | 4½% | July 1, 1957 | 50,000.00 | 55,950.43 |
| | 4½% | July 1, 1957 | 50,000.00 | 56,032.96 |
| Dominion of Canada: | 4½% | 1948/58 | 465,000.00 | 483,649.98 |
| | 4½% | 1948/58 | 30,000.00 | 31,445.57 |
| | 4½% | 1948/58 | 100,000.00 | 105,056.06 |
| | 4½% | 1948/58 | 50,000.00 | 52,591.36 |
| | 4½% | 1948/58 | 200,000.00 | 210,314.34 |
| | 4½% | 1948/58 | 23,000.00 | 24,155.68 |
| | 4½% | 1949/59 | 100,000.00 | 105,755.64 |
| | 4½% | 1949/59 | 135,000.00 | 145,696.95 |
| | 4½% | 1949/59 | 59,000.00 | 63,775.91 |
| | 4½% | 1949/59 | 185,000.00 | 196,900.06 |
| | 4½% | 1948/52 | 120,000.00 | 120,000.00 |
| | 4½% | 1949/52 | 375,000.00 | 370,978.35 |
| | 4½% | 1950/51 | 1,000,000.00 | 1,001,311.52 |
| Province of Ontario: | 5½% | July 1, 1946 | 250,000.00 | 245,336.08 |
| | 5½% | July 1, 1946 | 100,000.00 | 98,478.43 |
| | 5½% | July 1, 1946 | 115,000.00 | 114,548.97 |
| | 5½% | July 1, 1946 | 15,000.00 | 15,728.10 |
| | 5½% | July 1, 1946 | 200,000.00 | 209,530.15 |
| | 5½% | July 1, 1946 | 25,000.00 | 26,194.55 |
| | 5½% | July 1, 1946 | 461,000.00 | 454,008.54 |
| | 5½% | July 1, 1946 | 34,000.00 | 35,792.31 |
| | 3¼% | Nov. 1, 1947 | 100,000.00 | 99,672.25 |
| | 4½% | Dec. 1, 1947 | 13,000.00 | 12,508.73 |
| | 5½% | Feb. 1, 1947 | 125,000.00 | 122,515.39 |
| | 5½% | Feb. 1, 1947 | 226,000.00 | 226,332.23 |
| | 5½% | Feb. 1, 1947 | 145,000.00 | 145,589.72 |
| | 5½% | Feb. 1, 1947 | 116,000.00 | 116,341.60 |
| | 5½% | Feb. 1, 1947 | 10,000.00 | 9,853.58 |
| | 5½% | Feb. 1, 1947 | 100,000.00 | 99,826.15 |
| | 5½% | Feb. 1, 1947 | 10,000.00 | 10,594.83 |
| | 5½% | Feb. 1, 1947 | 62,000.00 | 65,748.08 |
| | 5½% | Feb. 1, 1947 | 35,000.00 | 37,089.52 |
| | 5½% | Feb. 1, 1947 | 91,500.00 | 93,386.06 |
| | 5½% | Feb. 1, 1947 | 50,000.00 | 51,817.57 |
| | 5½% | Feb. 1, 1947 | 150,000.00 | 159,817.53 |
| | 5½% | Feb. 1, 1947 | 25,000.00 | 26,583.22 |
| | 5½% | Feb. 1, 1947 | 60,000.00 | 65,077.60 |
| | 5½% | Feb. 1, 1947 | 25,000.00 | 27,120.02 |
| | 5½% | Feb. 1, 1947 | 44,000.00 | 47,732.31 |
| | 5½% | Feb. 1, 1947 | 25,000.00 | 27,064.61 |
| | 5½% | Feb. 1, 1947 | 20,000.00 | 21,224.71 |

## TABLE 14—Continued

### Other Permanent Investments—Continued

| Security | Face Rate | Term | Par Value | Book Value |
|---|---|---|---|---|
| | | | $ c. | $ c. |
| Province of Ontario: | 5% | Oct. 15, 1948 | 250,000.00 | 247,740.92 |
| | 5% | Oct. 15, 1948 | 50.000.00 | 50,323.91 |
| | 5% | Oct. 15, 1948 | 60,000.00 | 60,386.10 |
| | 5% | Oct. 15, 1948 | 25,000.00 | 25,166.04 |
| | 5% | Oct. 15, 1948 | 50,000.00 | 50,322.07 |
| | 5% | Oct. 15, 1948 | 50,000.00 | 50,571.37 |
| | 5% | Oct. 15, 1948 | 50,000.00 | 49,398.43 |
| | 5% | Oct. 15, 1948 | 50,000.00 | 54,027.01 |
| | 5% | Oct. 15, 1948 | 79,000.00 | 85,309.82 |
| | 5% | Oct. 15, 1948 | 50,000.00 | 53,442.80 |
| | 5% | Oct. 15, 1948 | 25,000.00 | 26,802.27 |
| | 5% | Oct. 15, 1948 | 50,000.00 | 54,309.15 |
| | 5% | Oct. 15, 1948 | 50,000.00 | 54,166.26 |
| | 5% | Oct. 15, 1948 | 75,000.00 | 81,466.15 |
| | 5% | Oct. 15, 1948 | 23,000.00 | 25,212.59 |
| | 4½% | Jan. 16, 1949 | 207,000.00 | 194,995.89 |
| | 4½% | Jan. 16, 1949 | 158,000.00 | 149,271.61 |
| | 4½% | Jan. 16, 1949 | 25,000.00 | 25,837.09 |
| | 4½% | Jan. 16, 1949 | 83,000.00 | 80,730.03 |
| | 4½% | Jan. 16, 1949 | 74,000.00 | 77,352.55 |
| | 4½% | Jan. 16, 1949 | 30,000.00 | 31,191.25 |
| | 4½% | Dec. 1, 1949 | 300,000.00 | 283,451.45 |
| | 3% | Dec. 15, 1949 | 50,000.00 | 47,860.59 |
| | 4½% | June 1, 1950 | 50,000.00 | 51,771.71 |
| | 4½% | June 1, 1950 | 290,000.00 | 308,979.37 |
| | 4½% | June 1, 1950 | 100,000.00 | 105,233.44 |
| | 4½% | June 1, 1950 | 135,000.00 | 142,017.16 |
| | 4½% | June 1, 1950 | 40,000.00 | 42,056.61 |
| | 4½% | June 1, 1950 | 35,000.00 | 37,064.27 |
| | 4½% | June 1, 1950 | 43,000.00 | 46,404.28 |
| | 3% | Nov. 1, 1950 | 500,000.00 | 495,489.13 |
| | 4½% | Nov. 1, 1950 | 10,000.00 | 10,620.79 |
| | 4½% | Dec. 1, 1950 | 700,000.00 | 657,365.24 |
| | 3¼% | Nov. 15, 1951 | 25,000.00 | 23,656.80 |
| | 3¼% | Nov. 15, 1951 | 25,000.00 | 24,657.12 |
| | 3¼% | Nov. 15, 1951 | 70,000.00 | 69,334.60 |
| | 3½% | Dec. 1, 1951 | 100,000.00 | 99,803.87 |
| | 3½% | Dec. 1, 1951 | 28,000.00 | 27,946.46 |
| | 3% | Jan. 15, 1952 | 46,000.00 | 43,793.73 |
| | 3% | Jan. 15, 1952 | 50,000.00 | 47,026.11 |
| | 5% | April 1, 1952 | 42,000.00 | 47,054.45 |
| | 3% | June 15, 1953 | 100,000.00 | 99,519.29 |
| | 3¼% | 1952/1955 | 100,000.00 | 98,919.51 |
| | 4% | 1952–1970 | 29,000.00 | 29,532.26 |
| | 4½% | Dec. 1, 1953 | 5,000.00 | 5,405.92 |
| | 4½% | May 15, 1954 | 10,000.00 | 10,690.89 |
| | 3% | June 1, 1954 | 50,000.00 | 46,747.07 |
| | 3% | Jan. 15,'1955 | 50,000.00 | 47,000.77 |
| | 3% | Jan. 15, 1955 | 12,000.00 | 11,178.33 |
| | 4½% | Jan. 15, 1955 | 15,000.00 | 16,349.29 |
| | 4½% | 1955–1959 | 12,000.00 | 12,653.30 |
| | 4½% | Jan. 15, 1956 | 500,000.00 | 482,258.38 |
| | 4½% | 1956–1968 | 50,000.00 | 55,974.60 |
| | 4% | May 15, 1957 | 100,000.00 | 104,487.80 |
| | 4½% | May 15, 1957 | 10,000.00 | 10,891.53 |
| | 4½% | 1957–1970 | 25,000.00 | 28,316.88 |
| | 3% | Jan. 15, 1958 | 500,000.00 | 498,011.02 |
| | 3% | Jan. 15, 1959 | 500,000.00 | 497,979.71 |
| | 4½% | Jan. 15, 1959 | 20,000.00 | 22,405.84 |
| | 4½% | Jan. 15, 1959 | 30,000.00 | 32,557.07 |
| | 5% | May 1, 1959 | 250,000.00 | 249,546.70 |
| | 5% | May 1, 1959 | 100,000.00 | 116,447.35 |
| | 5% | May 1, 1959 | 50,000.00 | 58,516.85 |
| | 5% | May 1, 1959 | 20,000.00 | 23,735.91 |
| | 5% | May 1, 1959 | 41,000.00 | 48,067.78 |

## TABLE 14—Continued

### Other Permanent Investments—Continued

| Security | Face Rate | Term | Par Value | Book Value |
|---|---|---|---|---|
| | | | $ c. | $ c. |
| Province of Ontario: | 5% | May 1, 1959 | 64,000.00 | 75,032.57 |
| | 5% | May 1, 1959 | 20,000.00 | 23,376.49 |
| | 5% | May 1, 1959 | 25,000.00 | 29,326.01 |
| | 5% | May 1, 1959 | 25,000.00 | 29,669.40 |
| | 5% | May 1, 1959 | 28,000.00 | 33,621.93 |
| | 5% | May 1, 1959 | 50,000.00 | 59,889.56 |
| | 5% | May 1, 1959 | 25,000.00 | 29,815.62 |
| | 5% | May 1, 1959 | 50,000.00 | 60,038.47 |
| | 5% | May 1, 1959 | 30,000.00 | 35,566.95 |
| | 5% | May 1, 1959 | 14,000.00 | 15,642.28 |
| | 5% | May 1, 1959 | 115,000.00 | 132,570.32 |
| | 5% | May 1, 1959 | 15,000.00 | 17,760.97 |
| | 5% | May 1, 1959 | 25,000.00 | 29,156.16 |
| | 5% | May 1, 1959 | 160,000.00 | 191,457.59 |
| | 5% | May 1, 1959 | 15,000.00 | 18,015.81 |
| | 5% | May 1, 1959 | 69,000.00 | 82,871.79 |
| | 4% | May 15, 1959 | 15,000.00 | 16,129.54 |
| | 4½% | 1959–1961 | 18,000.00 | 20,030.51 |
| | 4½% | 1959–1965 | 45,000.00 | 49,936.47 |
| | 4% | 1960–1963 | 87,000.00 | 92,762.96 |
| | 4½% | 1960–1965 | 42,000.00 | 47,248.40 |
| | 4% | 1960–1966 | 44,000.00 | 45,428.24 |
| | 4½% | 1960–1967 | 25,000.00 | 28,005.79 |
| | 4% | 1960–1968 | 156,000.00 | 166,767.12 |
| | 4% | 1960–1971 | 318,000.00 | 341,135.70 |
| | 4% | June 1, 1960 | 22,000.00 | 23,425.78 |
| | 5% | Dec. 2, 1960 | 30,000.00 | 34,600.67 |
| | 5% | Dec. 2, 1960 | 18,000.00 | 21,573.70 |
| | 5% | Dec. 2, 1960 | 25,000.00 | 29,448.03 |
| | 5% | Dec. 2, 1960 | 126,000.00 | 148,759.73 |
| | 5% | Dec. 2, 1960 | 25,000.00 | 29,976.76 |
| | 5% | Dec. 2, 1960 | 32,000.00 | 37,759.19 |
| | 5% | Dec. 2, 1960 | 25,000.00 | 30,086.87 |
| | 5% | Dec. 2, 1960 | 41,000.00 | 49,639.95 |
| | 5% | Dec. 2, 1960 | 61,000.00 | 73,142.72 |
| | 5% | Dec. 2, 1960 | 25,000.00 | 29,976.76 |
| | 5% | Dec. 2, 1960 | 100,000.00 | 121,408.87 |
| | 5% | Dec. 2, 1960 | 65,000.00 | 75,981.44 |
| | 5% | Dec. 2, 1960 | 35,000.00 | 40,866.13 |
| | 5% | Dec. 2, 1960 | 90,000.00 | 105,272.61 |
| | 5% | Dec. 2, 1960 | 25,000.00 | 29,608.53 |
| | 5% | Dec. 2, 1960 | 10,000.00 | 11,678.51 |
| | 5% | Dec. 2, 1960 | 10,000.00 | 12,140.89 |
| | 4½% | Jan. 15, 1961 | 50,000.00 | 57,134.19 |
| | 4½% | Jan. 15, 1961 | 50,000.00 | 57,135.45 |
| | 4½% | Jan. 15, 1961 | 20,000.00 | 22,707.98 |
| | 4½% | May 15, 1961 | 29,000.00 | 32,781.48 |
| | 4½% | May 15, 1961 | 25,000.00 | 28,096.06 |
| | 4% | June 1, 1961 | 75,000.00 | 81,145.17 |
| | 4% | 1961–1967 | 20,000.00 | 21,387.56 |
| | 4% | 1961–1967 | 270,000.00 | 298,654.32 |
| | 4½% | 1961–1967 | 9,000.00 | 9,656.92 |
| | 4½% | Jan. 15, 1962 | 75,000.00 | 86,108.93 |
| | 4½% | Jan. 15, 1962 | 40,000.00 | 44,864.65 |
| | 4% | May 15, 1962 | 50,000.00 | 52,490.19 |
| | 4½% | May 15, 1962 | 25,000.00 | 28,619.06 |
| | 4% | 1962–1968 | 6,000.00 | 6,351.30 |
| | 4% | 1962–1967 | 296,000.00 | 313,310.49 |
| | 4% | 1962–1970 | 106,000.00 | 112,198.45 |
| | 4½% | 1962–1971 | 23,000.00 | 26,544.60 |
| | 4½% | May 15, 1963 | 43,000.00 | 47,917.45 |
| | 4% | 1963–1964 | 40,000.00 | 41,342.79 |
| | 4½% | 1963–1964 | 27,000.00 | 30,291.43 |
| | 4½% | 1963–1968 | 12,000.00 | 12,928.75 |
| | 4½% | Jan. 15, 1963 | 125,000.00 | 142,349.62 |

## TABLE 14—Continued

### Other Permanent Investments—Continued

| Security | Face Rate | Term | Par Value | Book Value |
|---|---|---|---|---|
| | | | $ c. | $ c. |
| Province of Ontario: | 4½% | Jan. 15, 1963 | 89,000.00 | 101,792.20 |
| | 4½% | Jan. 15, 1963 | 75,000.00 | 85,316.00 |
| | 4% | June 1, 1963 | 32,000.00 | 32,905.72 |
| | 4% | 1964–1968 | 35,000.00 | 38,204.93 |
| | 4½% | Jan. 15, 1965 | 75,000.00 | 86,288.38 |
| | 4½% | Jan. 15, 1965 | 19,000.00 | 21,749.53 |
| | 4½% | Jan. 15, 1965 | 36,000.00 | 41,407.88 |
| | 4½% | Jan. 15, 1965 | 25,000.00 | 28,788.47 |
| | 4½% | Jan. 15, 1965 | 25,000.00 | 28,871.84 |
| | 4½% | Jan. 15, 1965 | 10,000.00 | 11,286.73 |
| | 4½% | Jan. 15, 1965 | 100,000.00 | 112,967.70 |
| | 4½% | May 15, 1965 | 50,000.00 | 57,491.21 |
| | 4% | May 15, 1965 | 52,000.00 | 52,974.43 |
| | 4% | June 1, 1965 | 20,000.00 | 21,279.40 |
| | 4% | 1965–1966 | 27,000.00 | 28,435.43 |
| | 4½% | 1965–1969 | 78,000.00 | 90,771.24 |
| | 4½% | 1965–1970 | 65,000.00 | 75,152.59 |
| | 4½% | Jan. 15, 1966 | 50,000.00 | 55,992.96 |
| | 4% | 1966–1971 | 47,000.00 | 51,618.03 |
| | 4½% | Jan. 15, 1967 | 25,000.00 | 27,989.11 |
| | 4½% | May 15, 1967 | 25,000.00 | 27,353.66 |
| | 4% | June 1, 1967 | 100,000.00 | 106,963.76 |
| | 4½% | Jan. 15, 1968 | 100,000.00 | 116,777.00 |
| | 4% | May 15, 1968 | 40,000.00 | 42,109.62 |
| | 4½% | May 15, 1968 | 50,000.00 | 57,804.95 |
| | 4½% | May 15, 1968 | 85,000.00 | 95,408.26 |
| | 4% | June 1, 1968 | 10,000.00 | 10,000.00 |
| | 4½% | Jan. 15, 1969 | 100,000.00 | 116,300.05 |
| | 4½% | Jan. 15, 1969 | 50,000.00 | 56,263.92 |
| | 4½% | Jan. 15, 1969 | 15,000.00 | 17,828.54 |
| | 4½% | May 15, 1969 | 75,000.00 | 87,169.28 |
| | 4½% | Jan. 15, 1970 | 101,000.00 | 117,756.72 |
| | 4½% | Jan. 15, 1970 | 25,000.00 | 27,666.38 |
| | 4½% | Jan. 15, 1970 | 100,000.00 | 115,035.26 |
| | 4½% | Jan. 15, 1970 | 25,000.00 | 29,053.77 |
| | 4½% | Jan. 15, 1970 | 20,000.00 | 23,258.47 |
| | 4½% | Jan. 15, 1970 | 24,000.00 | 27,028.31 |
| | 4½% | Jan. 15, 1970 | 45,000.00 | 50,735.87 |
| | 4½% | May 15, 1970 | 10,000.00 | 11,688.05 |
| | 4½% | May 15, 1970 | 25,000.00 | 28,432.18 |
| | 4% | June 1, 1970 | 25,000.00 | 27,047.11 |
| | 4½% | Jan. 15, 1971 | 25,000.00 | 28,143.91 |
| | 4½% | Jan. 15, 1971 | 25,000.00 | 27,511.06 |
| | 4½% | Jan. 15, 1971 | 10,000.00 | 11,312.98 |
| | 4% | June 1, 1971 | 25,000.00 | 27,724.66 |
| | 4% | June 1, 1971 | 200,000.00 | 231,658.64 |
| | 3½% | Apr. 15, 1972 | 2,000,000.00 | 2,000,000.00 |
| | 3½% | Apr. 15, 1972 | 1,000,000.00 | 1,000,000.00 |
| | 3½% | Apr. 15, 1972 | 1,500,000.00 | 1,503,164.38 |
| | 3½% | Apr. 15, 1972 | 500,000.00 | 503,691.78 |
| Province of Ontario guaranteed: | | | | |
| Town of Englehart | 6% | 1945–1954 | 20,388.11 | 21,170.30 |
| Hydro-Electric Power Com'n: | 5% | July 1, 1945 | 78,000.00 | 75,651.00 |
| | 5% | July 15, 1946 | 50,000.00 | 48,434.67 |
| | 5% | July 15, 1946 | 50,000.00 | 47,996.52 |
| | 4% | Aug. 1, 1957 | 15,000.00 | 15,426.73 |
| | 4% | Aug. 1, 1957 | 25,000.00 | 25,711.15 |
| | 4% | Aug. 1, 1957 | 20,000.00 | 21,176.70 |
| | 4% | Aug. 1, 1957 | 55,000.00 | 57,208.44 |
| | 4½% | Apr. 1, 1960 | 20,000.00 | 21,242.92 |
| | 4½% | Apr. 1, 1960 | 50,000.00 | 53,106.98 |
| | 4½% | Apr. 1, 1960 | 24,000.00 | 25,805.14 |
| | 4½% | Apr. 1, 1960 | 22,000.00 | 23,787.05 |
| | 4½% | Apr. 1, 1960 | 22,000.00 | 24,553.91 |

## TABLE 14—Continued

### Other Permanent Investments—Continued

| Security | Face Rate | Term | Par Value | Book Value |
|---|---|---|---|---|
| | | | $ c. | $ c. |
| Province of Ontario guaranteed: | 4½% | Apr. 1, 1960 | 131,000.00 | 146,213.43 |
| Town of Englehart | 4½% | Apr. 1, 1960 | 25,000.00 | 27,903.31 |
| Hydro-Electric Power Com'n: | 4½% | Apr. 1, 1960 | 81,000.00 | 91,417.69 |
| | 6% | July 1, 1961 | 120,000.00 | 151,157.69 |
| | 6% | July 1, 1961 | 25,000.00 | 32,066.30 |
| | 6% | July 1, 1961 | 100,000.00 | 124,098.20 |
| | 4¾% | Jan. 1, 1970 | 95,000.00 | 91,496.52 |
| | 4¾% | Jan. 1, 1970 | 25,000.00 | 22,869.47 |
| | 4¾% | Jan. 1, 1970 | 41,000.00 | 45,555.74 |
| | 4¾% | Jan. 1, 1970 | 46,000.00 | 51,212.39 |
| | 4¾% | Jan. 1, 1970 | 154,000.00 | 171,567.85 |
| | 4¾% | Jan. 1, 1970 | 105,000.00 | 124,050.19 |
| | 4¾% | Jan. 1, 1970 | 13,000.00 | 15,310.30 |
| | 4¾% | Jan. 1, 1970 | 57,000.00 | 67,503.01 |
| | 4¾% | Jan. 1, 1970 | 66,000.00 | 78,232.94 |
| | 4¾% | Jan. 1, 1970 | 50,000.00 | 59,267.48 |
| | 4¾% | Jan. 1, 1970 | 33,000.00 | 39,260.22 |
| | 4¾% | Jan. 1, 1970 | 75,000.00 | 89,094.97 |
| | 4¾% | Jan. 1, 1970 | 38,500.00 | 45,801.61 |
| | 4¾% | Jan. 1, 1970 | 10,000.00 | 11,625.04 |
| | 4¾% | Jan. 1, 1970 | 49,000.00 | 56,999.89 |
| | 4¾% | Jan. 1, 1970 | 100,000.00 | 116,244.23 |
| | 4¾% | Jan. 1, 1970 | 63,000.00 | 73,650.70 |
| | 4¾% | Jan. 1, 1970 | 60,000.00 | 68,466.89 |
| | 4¾% | Jan. 1, 1970 | 18,500.00 | 20,934.21 |
| | 4¾% | Jan. 1, 1970 | 35,000.00 | 39,622.27 |
| | 4¾% | Jan. 1, 1970 | 100,000.00 | 115,935.92 |
| | 4¾% | Jan. 1, 1970 | 50,000.00 | 57,911.87 |
| | 4¾% | Jan. 1, 1970 | 125,000.00 | 144,779.63 |
| | 4¾% | Jan. 1, 1970 | 50,000.00 | 57,689.04 |
| | 4¾% | Jan. 1, 1970 | 50,000.00 | 57,633.49 |
| | 4¾% | Jan. 1, 1970 | 38,000.00 | 43,631.41 |
| | 4¾% | Jan. 1, 1970 | 16,000.00 | 18,853.35 |
| | 4¾% | Jan. 1, 1970 | 100,000.00 | 114,046.77 |
| | 4¾% | Jan. 1, 1970 | 25,000.00 | 30,564.71 |
| | 4¾% | Jan. 1, 1970 | 25,000.00 | 30,430.71 |
| | 4¾% | Jan. 1, 1970 | 25,000.00 | 30,430.71 |
| Sandwich, Windsor and Amherstburg Railway: | 4½% | June 1, 1943 | 49,000.00 | 48,698.87 |
| | 4½% | June 1, 1943 | 25,000.00 | 25,092.02 |
| Sturgeon Falls | 6% | 1946–1952 | 40,092.65 | 47,963.35 |
| Temiskaming & Northern Ontario Railway: | 4% | 1951–1952 | 269,000.00 | 273,586.48 |
| | 4% | 1953–1957 | 160,000.00 | 167,435.52 |
| | 4% | 1954–1959 | 69,000.00 | 70,189.52 |
| | 4% | Feb. 1, 1956 | 70,000.00 | 72,495.65 |
| | 4% | 1958–1967 | 112,000.00 | 117,845.85 |
| | 4% | Feb. 1, 1959 | 145,000.00 | 125,820.79 |
| | 4% | 1960–1965 | 31,000.00 | 32,483.58 |
| | 4% | Feb. 1, 1963 | 33,000.00 | 34,557.62 |
| | 4% | 1965–1966 | 16,000.00 | 17,364.74 |
| | 4% | Feb. 1, 1966 | 100,000.00 | 108,249.46 |
| | 4% | Feb. 1, 1967 | 35,000.00 | 37,863.10 |
| | 4% | Feb. 1, 1967 | 100,000.00 | 105,139.57 |
| | 4% | 1967–1968 | 55,000.00 | 57,860.71 |
| Tisdale, Township of: | 6% | 1943–1944 | 14,226.05 | 14,488.08 |
| | 6% | 1943–1944 | 6,713.43 | 6,837.69 |
| | | | 31,408,920.24 | 32,991,991.86 |
| TOTAL PERMANENT INVESTMENTS, SCHEDULE 1 | | | 41,406,775.96 | 42,554,258.36 |

## TABLE 14—Continued

## SCHEDULE 2 FUNDS

### Municipal Debentures

| Security | Face Rate | Term | Par Value | Book Value |
|---|---|---|---|---|
| | | | $ c. | $ c. |
| Barton, Twp. | 5½% | July 14, 1952 | 63,000.00 | 63,706.90 |
| Belleville: | 5% | 1943–1945 | 3,450.26 | 3,417.53 |
| | 5% | 1943–1950 | 8,000.00 | 7,812.71 |
| | 5% | 1943–1946 | 6,427.45 | 6,341.91 |
| Brantford | 4% | Dec. 31, 1949 | 15,000.00 | 13,775.85 |
| Chippawa, (Guaranteed by County of Welland) | 5½% | 1943–1944 | 11,893.00 | 11,886.23 |
| Cornwall | 5½% | July 1, 1943 | 3,818.08 | 3,810.32 |
| Etobicoke, Twp.: | 5% | 1943–1955 | 21,470.86 | 20,878.11 |
| | 5% | 1943–1956 | 26,702.81 | 26,631.84 |
| | 5½% | 1943–1956 | 54,033.99 | 55,342.90 |
| | 5% | 1948–1955 | 43,000.00 | 41,504.18 |
| Galt | 5% | Dec. 15, 1965 | 19,460.45 | 18,585.86 |
| Hamilton: | 4½% | 1945–1946 | 65,000.00 | 62,873.81 |
| | 4½% | 1945–1946 | 57,000.00 | 55,379.10 |
| | 5% | 1943–1946 | 29,000.00 | 28,739.05 |
| | 4½% | May 1, 1961 | 10,000.00 | 11,257.79 |
| Kingston | 5% | July 1, 1955 | 70,000.00 | 67,151.48 |
| Kitchener | 6% | 1944–1947 | 10,418.06 | 10,595.19 |
| London: | 5% | Dec. 30, 1954 | 411,000.00 | 395,086.87 |
| | 5% | 1945–1956 | 119,000.00 | 117,390.71 |
| | 5% | 1943–1955 | 63,000.00 | 62,456.79 |
| North Bay | 5½% | Mar. 2, 1943 | 16,000.00 | 15,958.99 |
| Peterborough | 5% | Dec. 31, 1945 | 20,000.00 | 19,727.29 |
| Renfrew, Town | 5½% | 1949–1953 | 50,234.63 | 50,598.44 |
| Stamford, Twp. | 5½% | 1943–1954 | 221,652.52 | 222,194.62 |
| Stratford: | 5.30% | July 1, 1954 | 82,000.00 | 82,703.20 |
| | 5% | 1943–1956 | 80,113.19 | 78,442.33 |
| Thorold | 5–4½% | 1966–1979 | 46,475.05 | 44,830.41 |
| Toronto: | 5% | 1950–1951 | 50,000.00 | 49,168.27 |
| | 4½% | Jan. 1, 1949 | 5,000.00 | 4,740.64 |
| | 5% | July 1, 1950 | 4,000.00 | 3,893.60 |
| | 4½% | Apr. 1, 1961 | 5,000.00 | 5,532.44 |
| Victoria, County | 5% | 1951–1959 | 17,954.20 | 17,096.10 |
| Waterloo, Town | 5½% | 1943–1947 | 13,767.16 | 13,713.52 |
| York, Twp. | 5–4½% | 1972–1979 | 214,197.93 | 205,233.32 |
| | | | 1,937,069.64 | 1,898,458.30 |

## TABLE 14—Continued

## SCHEDULE 2 FUNDS

### Other Permanent Investments

| Security | Face Rate | Term | Par Value | Book Value |
|---|---|---|---|---|
| | | | $ c. | $ c. |
| Canadian National Railways (Guaranteed by Dominion of Canada): | 5% | Feb. 1, 1954 | 50,000.00 | 47,436.98 |
| | 5% | Feb. 1, 1954 | 50,000.00 | 56,435.12 |
| | 4½% | July 1, 1957 | 60,000.00 | 66,406.73 |
| Dominion of Canada: | 4½% | Nov. 1, 1948/58 | 50,000.00 | 52,409.48 |
| | 4½% | Nov. 1, 1949/59 | 377,000.00 | 406,292.72 |
| Hydro-Electric Power Commission (Guaranteed by Province of Ontario): | 4½% | Apr. 1, 1960 | 50,000.00 | 55,120.78 |
| | 6% | July 1, 1961 | 28,000.00 | 34,636.59 |
| | 4¾% | Jan. 1, 1970 | 63,000.00 | 72,969.13 |
| | 4¾% | Jan. 1, 1970 | 10,000.00 | 12,171.89 |
| Province of Ontario: | 5% | Oct. 1, 1942 | 31,000.00 | 31,000.00 |
| | 5½% | Feb. 1, 1947 | 40,000.00 | 43,391.97 |
| | 5% | Oct. 15, 1948 | 50,000.00 | 50,323.18 |
| | 5% | Apr. 1, 1952 | 19,000.00 | 18,478.71 |
| | 3% | June 15, 1953 | 75,000.00 | 74,639.45 |
| | 5% | May 1, 1959 | 25,000.00 | 29,892.48 |
| | 5% | May 1, 1959 | 15,000.00 | 17,465.78 |
| | 4½% | 1955–1966 | 10,000.00 | 11,280.24 |
| | 4½% | 1959–1970 | 30,000.00 | 34,332.46 |
| | 5% | Dec. 2, 1960 | 100,000.00 | 118,330.73 |
| | 4% | June 1, 1966 | 100,000.00 | 108,806.24 |
| | 4½% | 1966–1968 | 15,000.00 | 17,056.21 |
| | 4½% | Jan. 15, 1968 | 5,000.00 | 5,933.06 |
| | 4½% | May 15, 1970 | 7,000.00 | 7,939.68 |
| | 4½% | May 15, 1970 | 5,000.00 | 5,686.38 |
| | 4% | 1970–1971 | 20,000.00 | 21,594.11 |
| | 4% | June 1, 1971 | 30,000.00 | 32,128.30 |
| Temiskaming & Northern Ontario Railway (Guaranteed by Province of Ontario): | 4% | 1960–1966 | 35,000.00 | 35,760.68 |
| | 4% | 1953–1968 | 16,000.00 | 16,637.99 |
| | | | 1,391,000.00 | 1,514,240.03 |
| TOTAL PERMANENT INVESTMENTS, SCHEDULE 2 | | | 3,328,069.64 | 3,412,698.33 |

# CHAPTER V

## 1941 OPERATIONS

This chapter deals with the year 1941, containing information which was not available when the report for that year was made.

It gives the final financial statement for Schedule 1 industries for the year, estimates of the adjustments of assessments and of the outstanding compensation and medical aid having to be used in the provisional statement given in Table 1 of the 1941 report; and it gives statistical information as to the accidents which happened during 1941, their causes, the nature of the injuries suffered, the number, time loss, total and average cost of the different classes of cases, and the age, wage, nationality, and marital condition of the injured workmen.

This information is contained in Tables 15 to 26.

### Final Financial Statement, Schedule 1, 1941

Table 15 gives the final financial statement for Schedule 1 industries for 1941, provisional figures for which were given in Table 1 of the 1941 report. It shows the income and credits and the expenditures and charges and the balance for each class of industry; also the actual assessments and accident cost and other items of income and expenditure for each class, and the assessments and accident cost for each group of industry within the class. The list of industries included in each class and group will be found in the Board's rate book, the list of industries in the different classes is also printed with the Act, and their general nature is indicated at the bottom of Table 1 of this report.

The net income and credits for all the classes for the year were $9,967,823.06, and the net expenditure and charges, $9,255,958.85, leaving a surplus for the year of $711,864.21. Adding the surplus forward from prior years of $3,223,737.44, leaves a net actual surplus of $3,935,601.65, as compared with a provisional or estimated surplus of $1,651,520.11, the disparity being largely due to claims (especially for pneumoconiosis) for accidents occurring in 1941 and prior years not being finally disposed of in 1942.

### Assessments and Accident Cost

The assessments and accident cost (the latter comprising compensation and medical aid and payments on account of rehabilitation but not including payments from the Silicosis Account) in Schedule 1 for each year since the commencement of the Act, and the totals to the end of 1941, are as follows:

| Year | Assessments | Accident Cost |
|---|---|---|
| 1915 | $1,831,537.52 | $1,091,020.43 |
| 1916 | 2,361,463.20 | 1,880,004.37 |
| 1917 | 2,662,383.29 | 2,639,560.56 |
| 1918 | 3,303,575.83 | 3,214,427.57 |
| 1919 | 3,840,949.07 | 4,474,847.38 |
| 1920 | 5,579,333.45 | 5,041,947.30 |
| 1921 | 4,594,452.37 | 4,277,054.67 |
| 1922 | 3,984,594.64 | 4,323,801.07 |
| 1923 | 3,771,321.09 | 4,977,331.82 |
| 1924 | 4,524,700.86 | 4,746,314.60 |
| 1925 | 4,390,854.75 | 4,438,802.13 |
| 1926 | 5,167,126.64 | 4,711,970.90 |
| 1927 | 5,465,763.17 | 5,082,073.61 |

| | | |
|---|---|---|
| 1928 | $6,739,696.80 | $6,083,772.14 |
| 1929 | 7,505,431.10 | 6,861,274.51 |
| 1930 | 6,396,105.73 | 5,925,502.17 |
| 1931 | 4,608,677.15 | 4,472,209.18 |
| 1932 | 3,292,309.25 | 3,177,386.47 |
| 1933 | 2,729,936.41 | 2,795,085.82 |
| 1934 | 4,192,200.35 | 3,904,134.13 |
| 1935 | 5,254,667.17 | 4,386,477.31 |
| 1936 | 6,075,763.79 | 4,543,669.26 |
| 1937 | 5,728,493.82 | 5,321,732.42 |
| 1938 | 6,303,914.88 | 5,331,350.47 |
| 1939 | 5,830,424.56 | 5,371,473.15 |
| 1940 | 6,686,948.13 | 6,691,025.57 |
| 1941 | 9,458,811.62 | 8,376,030.38 |
| Totals | $132,281,436.64 | $124,140,259.39 |

## Pay Roll and Rates of Assessment

As assessments are in the form of a percentage of pay roll, the average rate paid by the employers in Schedule 1 can be determined by dividing the total assessments for the year by the total pay roll. The following table shows the total amount of pay roll and the total assessments and the average rate for $100 pay roll for each year:

| Year | Total Pay Roll | Total Assessments | Average Rate per $100 |
|---|---|---|---|
| 1915 | $147,603,000 | $1,831,537.52 | $1.24 |
| 1916 | 220,840,000 | 2,361,463.20 | 1.07 |
| 1917 | 286,903,000 | 2,662,383.29 | .93 |
| 1918 | 310,450,000 | 3,303,575.83 | 1.06 |
| 1919 | 325,226,000 | 3,840,949.07 | 1.18 |
| 1920 | 464,589,000 | 5,579,333.45 | 1.20 |
| 1921 | 355,259,000 | 4,594,452.37 | 1.29 |
| 1922 | 391,888.000 | 3,984,594.64 | 1.02 |
| 1923 | 434,163,000 | 3,771,321.09 | .87 |
| 1924 | 386,318,000 | 4,524,700.86 | 1.17 |
| 1925 | 390,652,000 | 4,390,854.75 | 1.04 |
| 1926 | 424,926,000 | 5,167,126.64 | 1.22 |
| 1927 | 455,016,000 | 5,465,763.17 | 1.20 |
| 1928 | 504,102,000 | 6,739,696.80 | 1.34 |
| 1929 | 559,429,000 | 7,505,431.10 | 1.34 |
| 1930 | 472,742,000 | 6,396,105.73 | 1.35 |
| 1931 | 389,740,000 | 4,608,677.15 | 1.18 |
| 1932 | 317,605,000 | 3,292,309.25 | 1.04 |
| 1933 | 288,917,000 | 2,729,936.41 | .94 |
| 1934 | 346,735,000 | 4,192,200.35 | 1.21 |
| 1935 | 386,782,000 | 5,254,667.17 | 1.36 |
| 1936 | 410,792,000 | 6,075,763.79 | 1.48 |
| 1937 | 517,621,000 | 5,728,493.82 | *1.11 |
| 1938 | 481,215,000 | 6,303,914.88 | 1.31 |
| 1939 | 550,040,000 | 5,830,424.56 | 1.06 |
| 1940 | 655,550,000 | 6,686,948.13 | 1.02 |
| 1941 | 875,816,000 | 9,458,811.62 | 1.08 |

*The decrease in rate for 1937 was due to refund of penalty assessments under a differential rating plan in force during 1936 and 1937 and abrogated during 1938.

## Final Accident Figures, 1941

Table 16 shows the number of accidents happening in 1941 (in all industries under the Act) for which payment of compensation or medical aid was made. The total number was 102,290, of which 363 were death cases, 1,951 involved some degree of permanent disability, 35,999 temporary disability cases, and 63,977 cases which involved medical aid only. Ordinarily Schedule 2 cases involving medical aid only are not included, as in these cases medical aid is furnished directly by the employer.

The complete figures for each year since the commencement of the Act are as follows:

| Year | Medical Aid Only | Temporary Disability | Permanent Disability | Death | Totals |
|---|---|---|---|---|---|
| 1915............ | *..... | 9,311 | 1,339 | 296 | 10,946 |
| 1916............ | *..... | 15,993 | 2,232 | 373 | 18,598 |
| 1917............ | †4,267 | 21,556 | 2,475 | 370 | 28,668 |
| 1918............ | 12,822 | 24,089 | 2,624 | 366 | 39,901 |
| 1919............ | 11,769 | 22,418 | 2,457 | 364 | 37,008 |
| 1920............ | 15,566 | 27,423 | 2,735 | 373 | 46,097 |
| 1921............ | 12,141 | 22,855 | 2,079 | 331 | 37,406 |
| 1922............ | 15,913 | 24,461 | 2,082 | 325 | 42,781 |
| 1923............ | 20,125 | 28,954 | 2,340 | 327 | 51,746 |
| 1924............ | 20,811 | 25,980 | 2,191 | 315 | 49,297 |
| 1925............ | 22,444 | 26,040 | 2,157 | 264 | 50,905 |
| 1926............ | 25,330 | 27,150 | 2,421 | 308 | 55,209 |
| 1927............ | 27,852 | 28,836 | 2,476 | 311 | 59,475 |
| 1928............ | 31,688 | 30,440 | 2,926 | 414 | 65,468 |
| 1929............ | 34,582 | 32,920 | 3,372 | 417 | 71,291 |
| 1930............ | 29,189 | 25,613 | 3,147 | 394 | 58,343 |
| 1931............ | 21,970 | 20,543 | 2,495 | 231 | 45,239 |
| 1932............ | 17,320 | 15,466 | 1,805 | 167 | 34,758 |
| 1933............ | 17,258 | 14,235 | 1,511 | 159 | 33,163 |
| 1934............ | 24,552 | 22,020 | 1,790 | 211 | 48,573 |
| 1935............ | 27,904 | 23,024 | 992 | 208 | 52,128 |
| 1936............ | 30,086 | 22,954 | 835 | 272 | 54,147 |
| 1937............ | 34,318 | 26,427 | 1,049 | 248 | 62,042 |
| 1938............ | 29,559 | 21,501 | 936 | 276 | 52,272 |
| 1939............ | 30,672 | 21,203 | 1,020 | 215 | 53,110 |
| 1940............ | 43,346 | 27,245 | 1,432 | 269 | 72,292 |
| 1941............ | 63,977 | 35,999 | 1,951 | 363 | 102,290 |
| Totals......... | 625,461 | 644,656 | 54,869 | 8,167 | 1,333,153 |

*No Medical Aid. †Half Year Only.

## Accident Frequencies, Schedule 1

Comparison of accident frequencies can be made by correlating the number of accidents with the total number of full-year workers, data for this being available, however, only in Schedule 1. Eliminating accidents in which medical aid only was paid, the number of accidents for each 100 full-year workers for the different years are:

| Year | Temporary Disability | Permanent Disability | Death | Totals |
|---|---|---|---|---|
| 1915......... | 3.63 | .58 | .12 | 4.32 |
| 1916......... | 4.99 | .79 | .10 | 5.88 |
| 1917......... | 5.78 | .72 | .07 | 6.57 |
| 1918......... | 5.81 | .66 | .07 | 6.54 |
| 1919......... | 5.81 | .68 | .07 | 6.56 |
| 1920......... | 6.23 | .67 | .07 | 6.97 |
| 1921......... | 6.25 | .60 | .05 | 6.90 |
| 1922......... | 5.82 | .52 | .06 | 6.40 |
| 1923......... | 6.02 | .51 | .05 | 6.58 |
| 1924......... | 6.08 | .54 | .06 | 6.68 |
| 1925......... | 5.94 | .51 | .05 | 6.50 |
| 1926......... | 5.84 | .54 | .05 | 6.43 |
| 1927......... | 5.94 | .53 | .05 | 6.52 |
| 1928......... | 5.85 | .58 | .07 | 6.50 |
| 1929......... | 5.80 | .61 | .06 | 6.47 |
| 1930......... | 5.08 | .66 | .07 | 5.81 |
| 1931......... | 4.28 | .56 | .04 | 4.88 |
| 1932......... | 3.59 | .45 | .03 | 4.07 |
| 1933......... | 3.22 | .37 | .03 | 3.62 |
| 1934......... | 3.94 | .37 | .04 | 4.35 |
| 1935......... | 4.18 | .19 | .04 | 4.41 |
| 1936......... | 4.31 | .16 | .04 | 4.51 |
| 1937......... | 4.47 | .18 | .04 | 4.69 |
| 1938......... | 3.75 | .17 | .05 | 3.97 |
| 1939......... | 3.33 | .17 | .03 | 3.53 |
| 1940......... | 3.90 | .22 | .03 | 4.15 |
| 1941......... | 4.23 | .24 | .04 | 4.51 |

On the same basis of calculation, the frequency of medical aid only cases has been: 1918, 3.66; 1919, 3.70; 1920, 4.26; 1921, 4.24; 1922, 4.67; 1923, 4.96; 1924, 5.84; 1925, 6.09; 1926, 6.37; 1927, 6.73; 1928, 7.09; 1929, 7.06; 1930, 6.84; 1931, 5.72; 1932, 5.06; 1933, 4.94; 1934, 5.65; 1935, 6.16; 1936, 6.55; 1937, 6.63; 1938, 5.97; 1939, 5.56; 1940, 4.29; 1941, 8.47.

### Statistical Distributions

Tables 17 to 26 give statistical details regarding accidents and workmen, including, where the data is available, Schedule 2 and Crown cases as well as Schedule 1. Considerations of space preclude more extensive tabulations, but the original material is retained and still fuller information is always available concerning the accidents in any of the different classes of industry.

### Month of Occurrence

Table 17 gives the month of occurrence of all accidents. The month in which the greatest number of accidents occurred during 1941 was October, with 9,756, and the month with the lowest number was February, with 6,923.

### Accidents According to Locality

The distribution of accidents according to the county or district in which they occurred is contained in Table 18. York had the highest number, with 28,326, and next in order were: Wentworth, with 8,161; Essex, with 6,560; Temiskaming-Cochrane, with 6,022; and Welland, with 5,075. The greatest number of deaths (42) were in Temiskaming-Cochrane: there were 36 in York, 35 in Thunder Bay, 25 in Welland, and 24 in Sudbury.

### Time Loss, Age, and Wage

In Table 19 are given the average age and wage of workmen receiving compensation, and the total and average time loss for each class of industry, and each category of disability. The average age for 1941 was 34.68 years. The average wage for 1941 was $23.86, as compared with $21.69 for 1940, and $20.40 for 1939. The total time loss in temporary disability cases was 877,385 days, or an average of 24.37 days, as compared with an average of 25.87 days in 1940, and 27.00 days in 1939.

### Compensation and Medical Aid Costs, Schedule 1

Table 20 contains the total and average cost of compensation and medical aid by classes in Schedule 1 for each kind of disability.

The total cost of all accidents was $8,376,030.38, of which $6,545,087.25 was for compensation (including payments for rehabilitation but not for silicosis cases) and $1,830,943.13 for medical aid (except in silicosis cases).

Of the $6,545,087.25 compensation cost, $2,298,563.82 was for temporary disability cases, $3,045,279.06 was for permanent disability cases, and $1,201,244.37 was for death cases.

The average cost of temporary disability cases was $110.19, of which $74.46 was for compensation and $35.73 was for medical aid, the average in 1940 being $126.61.

The average cost of permanent disability cases was $1,946.18, of which $376.21 was for temporary disability, $1,369.94 was for permanent disability, and $200.03 was for medical aid.

The average cost of death cases, where there were dependants, was $5,937.11, and the average cost of all death cases was $4,554.22, of which

$33.56 was for temporary disability, $127.57 for burial expenses (including transportation of body), $4,287.91 for death benefits, and $105.18 for medical aid.

The average cost of all cases in which compensation was paid was $244.06, of which $199.05 was for compensation, and $45.01 was for medical aid, as compared with $259.22 for 1940, and $271.01 for 1939.

The average cost of medical aid only cases was $5.68, as compared with $5.89 for 1940, and $6.03 in 1939.

### Allegiance of Injured

Table 21 shows the allegiance of injured workers who received compensation, as taken from their own reports. There were 33,290, or nearly 87 per cent., of British allegiance, and 2,673 of foreign allegiance (information being lacking in 2,350 cases). Among the aliens the most numerous were: Poles, Russians, Finns, Austrians, Czecho-Slovaks, and Italians.

### Sex and Marital Condition of Injured

Table 22 gives the sex and marital condition of those receiving compensation. There were 36,683 males and 1,630 females. Of the males, 13,229 were married, and 398 of the females. There were 385 widowers and 56 widows.

### Duration of Disability

Table 23 shows the week of termination of temporary disability cases. In nearly 45 per cent. of cases the disability terminated in from one to two weeks. In 42 cases the disability lasted more than a year.

### Nature of Injuries

The first part of Table 24 shows the number of various kinds of temporary disability injuries in the different classes of industry; the second part gives an analysis of the permanent disability cases, showing the number of injuries to the several parts of the body and the percentage of impairment of earning capacity; and the third part of the table shows the number and nature of the industrial disease cases.

In 1941 there were 10,459 cuts, lacerations, and punctures; 6,489 fractures; 6,419 bruises, contusions, and abrasions; 5,966 sprains, strains, twistings, and wrenchings; 1,825 crushes; 1,706 scalds and burns; 1,018 injuries to eyes; 743 herniae; and 238 dislocations.

Among the 1,951 permanent disability cases were 61 permanent total disability cases and 648 exceeded ten per cent. of working capacity.

There were 111 industrial disease cases, of which 5 were medical aid only, 47 were temporary disability cases, 53 were permanent disability cases, and 6 were death cases. Included in these totals are 25 cases of lead poisoning, 4 cases of arsenic poisoning, 3 cases of chrome poisoning, 1 each of benzol, mercury, carbon-tetrachloride poisoning and jaundice, and 75 cases of silicosis and pneumoconiosis.

### Causes of Accidents

Table 25 gives the prime causes of accidents in 1941. Machinery was responsible for 28,444 out of a total of 102,290, or nearly 28 per cent., as compared with 24 per cent. in 1940, and 22 per cent. in 1939.

### Death Cases

The nature of awards, the number, relationship, and residence of dependants, are shown in Table 26.

## TABLE 15

## FINAL FINANCIAL STATEMENT FOR 1941, SCHEDULE 1

### By Classes

| Class | Income and Credits | Expenditure and Charges | Balance for 1941 | Balance Forward Prior Years | Balance at Dec. 31, 1941 | Class |
|---|---|---|---|---|---|---|
| | $ c. | $ c. | $ c. | $ c. | $ c. | |
| 1 | 989,225.94 | 787,823.96 | 201,401.98 | –111,656.93 | 89,745.05 | 1 |
| 2 | 386,101.01 | 328,977.69 | 57,123.32 | 107,296.80 | 164,420.12 | 2 |
| 3 | 105,565.93 | 106,128.44 | –562.51 | 6,322.33 | 5,759.82 | 3 |
| 4 | 250,900.50 | 231,382.61 | 19,517.89 | –9,980.76 | 9,537.13 | 4 |
| 5 | 1,357,565.64 | *1,282,152.48 | 75,413.16 | 498,668.55 | 574,081.71 | 5 |
| 6 | 203,437.43 | 176,362.38 | 27,075.05 | 20,782.72 | 47,857.77 | 6 |
| 7 | 309,784.18 | 386,488.50 | –76,704.32 | 23,306.74 | –53,397.58 | 7 |
| 8 | 261,834.27 | 504,503.44 | –242,669.17 | 145,913.75 | –96,755.42 | 8 |
| 9 | 482,111.76 | 534,768.80 | –52,657.04 | 209,071.63 | 156,414.59 | 9 |
| 10 | 862,202.57 | 901,640.97 | –39,438.40 | 177,922.19 | 138,483.79 | 10 |
| 11 | 584,770.87 | 573,255.18 | 11,515.69 | 284,410.88 | 295,926.57 | 11 |
| 12 | 257,051.71 | 301,275.59 | –44,223.88 | 289,969.24 | 245,745.36 | 12 |
| 13 | 122,137.86 | 99,104.17 | 23,033.69 | 50,998.20 | 74,031.89 | 13 |
| 14 | 81,173.53 | 78,053.75 | 3,119.78 | 20,043.52 | 23,163.30 | 14 |
| 15 | 434,577.20 | 393,548.48 | 41,028.72 | 122,409.32 | 163,438.04 | 15 |
| 16 | 169,094.30 | 187,300.95 | –18,206.65 | –12,107.91 | –30,314.56 | 16 |
| 17 | 168,028.72 | 183,922.44 | –15,893.72 | –4,962.98 | –20,856.70 | 17 |
| 18 | 95,810.67 | 59,139.11 | 36,671.56 | 46,928.60 | 83,600.16 | 18 |
| 19 | 121,231.03 | 122,117.16 | –886.13 | –19,832.33 | –20,718.46 | 19 |
| 20 | 468,303.99 | 358,132.65 | 110,171.34 | 157,742.38 | 267,913.72 | 20 |
| 21 | 461,325.78 | 362,128.32 | 99,197.46 | 286,547.85 | 385,745.31 | 21 |
| 22 | 333,108.49 | 305,693.79 | 27,414.70 | 202,163.70 | 229,578.40 | 22 |
| 23 | 171,744.92 | 125,615.57 | 46,129.35 | 205,410.94 | 251,540.29 | 23 |
| 24 | 1,290,734.76 | 866,442.42 | 424,292.34 | 526,369.01 | 950,661.35 | 24 |
| | 9,967,823.06 | **9,255,958.85 | 711,864.21 | 3,223,737.44 | 3,935,601.65 | |

*Includes $20,228.95 for Mine Rescue Work.

**Includes $12,544.79 for Rehabilitation.

## TABLE 15—Continued

### By Groups

| Group and Class | Assessments and Compensation | | Other Credits and Charges | | | |
|---|---|---|---|---|---|---|
| | Assessments | Compensation and Medical Aid | All Other Income | All Other Outlays | Balance Forward Prior Years | Balance at December 31, 1941 |
| | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| Group 010 | 627,400.38 | 509,086.19 | | | | |
| " 011 | 98,259.46 | 86,219.32 | | | | |
| " 013 | 265,181.97 | 97,086.97 | | | | |
| Class 1 | 990,841.81 | 692,392.48 | –1,615.87 | 95,431.48 | –111,656.93 | 89,745.05 |
| Group 020 | 202,075.37 | 150,215.99 | | | | |
| " 022 | 162,293.95 | 139,359.25 | | | | |
| Class 2 | 364,369.32 | 289,575.24 | 21,731.69 | 39,402.45 | 107,296.80 | 164,420.12 |
| Group 030 | 104,549.05 | 96,300.23 | | | | |
| Class 3 | 104,549.05 | 96,300.23 | 1,016.88 | 9,828.21 | 6,322.33 | 5,759.82 |
| Group 040 | 190,084.98 | 141,449.72 | | | | |
| " 042 | 58,919.81 | 65,121.12 | | | | |
| Class 4 | 249,004.79 | 206,570.84 | 1,895.71 | 24,811.77 | –9,980.76 | 9,537.13 |
| Group 051 | 1,009,143.59 | 789,901.27 | | | | |
| " 052 | 54,097.76 | 221,496.86 | | | | |
| " 053 | 27,050.26 | 23,159.14 | | | | |
| " 055 | 43,666.18 | 43,176.47 | | | | |
| " 056 | 69,032.97 | 75,783.05 | | | | |
| " 057 | 17,617.46 | 11,538.15 | | | | |
| Class 5 | 1,220,608.22 | 1,165,054.94 | 136,957.42 | 117,097.54 | 498,668.55 | 574,081.71 |
| Group 060 | 79,133.09 | 68,252.14 | | | | |
| " 062 | 7,231.18 | 2,538.15 | | | | |
| " 063 | 34,879.55 | 24,720.66 | | | | |
| " 064 | 26,302.93 | 14,958.26 | | | | |
| " 065 | 12,574.38 | 23,282.08 | | | | |
| " 066 | 29,274.52 | 20,763.05 | | | | |
| Class 6 | 189,395.65 | 154,514.34 | 14,041.78 | 21,848.04 | 20,782.72 | 47,857.77 |
| Group 070 | 295,813.82 | 358,484.37 | | | | |
| Class 7 | 295,813.82 | 358,484.37 | 13,970.36 | 28,004.13 | 23,306.74 | –53,397.58 |
| Group 080 | 131,426.06 | 184,427.66 | | | | |
| " 082 | 85,214.52 | 240,462.47 | | | | |
| " 083 | 27,552.65 | 54,764.64 | | | | |
| Class 8 | 244,193.23 | 479,654.77 | 17,641.04 | 24,848.67 | 145,913.75 | –96,755.42 |
| Group 090 | 89,239.73 | 74,438.92 | | | | |
| " 091 | 159,825.68 | 100,271.39 | | | | |
| " 094 | 151,282.48 | 275,351.26 | | | | |
| " 095 | 45,941.51 | 38,354.97 | | | | |
| Class 9 | 446,289.40 | 488,416.54 | 35,822.36 | 46,352.26 | 209,071.63 | 156,414.59 |

### TABLE 15—Continued

### By Groups

| Group and Class | Assessments and Compensation | | Other Credits and Charges | | | |
|---|---|---|---|---|---|---|
| | Assessments | Compensation and Medical Aid | All Other Income | All Other Outlays | Balance Forward Prior Years | Balance at December 31, 1941 |
| | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| Group 100 | 698,027.53 | 697,873.43 | | | | |
| “ 104 | 67,914.44 | 62,247.78 | | | | |
| “ 106 | 69,355.84 | 68,176.41 | | | | |
| Class 10 | 835,297.81 | 828,297.62 | 26,904.76 | 73,343.35 | 177,922.19 | 138,483.79 |
| Group 110 | 95,872.72 | 105,899.80 | | | | |
| “ 111 | 414,113.17 | 380,019.36 | | | | |
| “ 113 | 40,314.52 | 35,401.75 | | | | |
| Class 11 | 550,300.41 | 521,320.91 | 34,470.46 | 51,934.27 | 284,410.88 | 295,926.57 |
| Group 120 | 66,997.99 | 89,684.88 | | | | |
| “ 121 | 75,639.29 | 68,733.49 | | | | |
| “ 122 | 41,649.47 | 47,441.61 | | | | |
| “ 123 | 18,785.93 | 30,544.91 | | | | |
| “ 124 | 30,537.76 | 42,885.98 | | | | |
| Class 12 | 233,610.44 | 279,290.87 | 23,441.27 | 21,984.72 | 289,969.24 | 245,745.36 |
| Group 130 | 74,628.45 | 52,891.13 | | | | |
| “ 131 | 42,097.28 | 37,116.54 | | | | |
| Class 13 | 116,725.73 | 90,007.67 | 5,412.13 | 9,096.50 | 50,998.20 | 74,031.89 |
| Group 140 | 80,101.05 | 71,835.39 | | | | |
| Class 14 | 80,101.05 | 71,835.39 | 1,072.48 | 6,218.36 | 20,043.52 | 23,163.30 |
| Group 150 | 127,955.80 | 95,903.61 | | | | |
| “ 151 | 106,153.38 | 114,044.48 | | | | |
| “ 153 | 70,764.16 | 45,265.09 | | | | |
| “ 154 | 24,178.39 | 31,054.70 | | | | |
| “ 155 | 79,155.31 | 61,320.89 | | | | |
| “ 156 | 7,039.77 | 4,277.56 | | | | |
| Class 15 | 415,246.81 | 351,866.33 | 19,330.39 | 41,682.15 | 122,409.32 | 163,438.04 |
| Group 160 | 45,142.14 | 33,794.12 | | | | |
| “ 161 | 18,958.46 | 22,452.25 | | | | |
| “ 162 | 18,370.28 | 17,335.10 | | | | |
| “ 163 | 78,049.80 | 92,757.49 | | | | |
| Class 16 | 160,520.68 | 166,338.96 | 8,573.62 | 20,961.99 | –12,107.91 | –30,314.56 |
| Group 170 | 107,221.32 | 114,475.14 | | | | |
| “ 171 | 56,177.62 | 49,770.66 | | | | |
| Class 17 | 163,398.94 | 164,245.80 | 4,629.78 | 19,676.64 | –4,962.98 | 20,856.70 |
| Group 180 | 42,801.16 | 33,414.77 | | | | |
| “ 181 | 44,879.00 | 16,744.06 | | | | |
| Class 18 | 87,680.16 | 50,158.83 | 8,130.51 | 8,980.28 | 46,928.60 | 83,600.16 |

## TABLE 15—Continued

### By Groups

| Group and Class | Assessments and Compensation | | Other Credits and Charges | | | |
|---|---|---|---|---|---|---|
| | Assessments | Compensation and Medical Aid | All Other Income | All Other Outlays | Balance Forward Prior Years | Balance at December 31, 1940 |
| | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| Group 190 | 30,265.78 | 27,671.67 | | | | |
| “ 191 | 87,695.06 | 81,700.25 | | | | |
| Class 19 | 117,960.84 | 109,371.92 | 3,270.19 | 12,745.24 | −19,832.33 | −20,718.46 |
| Group 200 | 301,272.76 | 208,941.42 | | | | |
| “ 201 | 147,628.67 | 118,572.81 | | | | |
| Class 20 | 448,901.43 | 327,514.23 | 19,402.56 | 30,618.42 | 157,742.38 | 267,913.72 |
| Group 210 | 399,136.82 | 295,773.84 | | | | |
| “ 211 | 37,762.84 | 28,090.85 | | | | |
| Class 21 | 436,899.66 | 323,864.69 | 24,426.12 | 38,263.63 | 286,547.85 | 385,745.31 |
| Group 220 | 27,182.80 | 34,872.77 | | | | |
| “ 221 | 35,315.50 | 29,173.85 | | | | |
| “ 222 | 70,720.98 | 63,546.91 | | | | |
| “ 223 | 182,966.83 | 153,035.00 | | | | |
| Class 22 | 316,186.11 | 280,628.53 | 16,922.38 | 25,065.26 | 202,163.70 | 229,578.40 |
| Group 230 | 78,299.67 | 68,990.10 | | | | |
| “ 231 | 24,953.68 | 24,813.09 | | | | |
| “ 232 | 25,803.73 | 18,089.96 | | | | |
| Class 23 | 129,057.08 | 111,893.15 | 42,687.84 | 13,722.42 | 205,410.94 | 251,540.29 |
| Group 240 | 963,205.76 | 579,322.38 | | | | |
| “ 243 | 44,833.25 | 31,238.95 | | | | |
| “ 244 | 80,033.71 | 45,919.40 | | | | |
| “ 245 | 87,013.09 | 63,127.88 | | | | |
| “ 246 | 76,332.91 | 37,934.46 | | | | |
| “ 249 | 10,440.46 | 10,888.66 | | | | |
| Class 24 | 1,261,859.18 | 768,431.73 | 28,875.58 | 98,010.69 | 526,369.01 | 950,661.35 |
| Schedule 1 | 9,458,811.62 | *8,376,030.38 | 509,011.44 | **879,928.47 | 3,223,737.44 | 3,935,601.65 |

*Includes $12,544.79 for Rehabilitation.

**Includes $20,228.95 for Mine Rescue Work.

## TABLE 16

## NUMBER OF ACCIDENTS IN 1941 INVOLVING PAYMENT

| Class | Medical Aid Only | Temporary Disability | Permanent Disability | Death | TOTALS |
|---|---|---|---|---|---|
| 1 | 1,034 | 3,367 | 135 | 34 | 4,570 |
| 2 | 1,663 | 1,729 | 47 | 12 | 3,451 |
| 3 | 1,017 | 606 | 54 | .. | 1,677 |
| 4 | 1,397 | 926 | 78 | 5 | 2,406 |
| 5 | 3,392 | 2,172 | 169 | 64 | 5,797 |
| 6 | 848 | 501 | 35 | 4 | 1,388 |
| 7 | 2,078 | 902 | 58 | 10 | 3,048 |
| 8 | 2,196 | 961 | 52 | 10 | 3,219 |
| 9 | 6,254 | 1,729 | 106 | 11 | 8,100 |
| 10 | 12,288 | 3,977 | 317 | 9 | 16,591 |
| 11 | 8,827 | 2,012 | 120 | 5 | 10,964 |
| 12 | 1,361 | 571 | 26 | 12 | 1,970 |
| 13 | 522 | 329 | 16 | 5 | 872 |
| 14 | 982 | 417 | 13 | .. | 1,412 |
| 15 | 3,208 | 1,752 | 65 | 9 | 5,034 |
| 16 | 1,468 | 555 | 48 | 2 | 2,073 |
| 17 | 1,400 | 810 | 50 | 5 | 2,265 |
| 18 | 1,298 | 563 | 6 | .. | 1,867 |
| 19 | 1,188 | 542 | 41 | 2 | 1,773 |
| 20 | 1,718 | 1,536 | 57 | 15 | 3,326 |
| 21 | 1,155 | 911 | 52 | 16 | 2,134 |
| 22 | 2,133 | 1,172 | 47 | 12 | 3,364 |
| 23 | 483 | 248 | 21 | 3 | 755 |
| 24 | 3,851 | 2,580 | 131 | 25 | 6,587 |
| Totals | 61,761 | 30,868 | 1,744 | 270 | 94,643 |
| Schedule 2 | .... | 2,082 | 90 | 39 | 2,211 |
| Crown Cases | 2,216 | 3,049 | 117 | 54 | 5,436 |
| GRAND TOTALS | 63,977 | 35,999 | 1,951 | 363 | 102,290 |

## TABLE 17

## MONTH OF OCCURRENCE OF ACCIDENTS, 1941

| Month of Occurrence | Medical Aid Only | Temporary Disability | Permanent Disability | Death | TOTALS |
|---|---|---|---|---|---|
| January | 4,072 | 2,937 | 151 | 27 | 7,187 |
| February | 4,033 | 2,703 | 153 | 34 | 6,923 |
| March | 4,460 | 2,698 | 126 | 24 | 7,308 |
| April | 4,762 | 2,391 | 138 | 25 | 7,316 |
| May | 5,595 | 2,832 | 174 | 26 | 8,627 |
| June | 5,788 | 2,959 | 166 | 41 | 8,954 |
| July | 6,361 | 3,404 | 167 | 39 | 9,971 |
| August | 5,882 | 2,997 | 172 | 27 | 9,078 |
| September | 5,984 | 3,283 | 176 | 38 | 9,481 |
| October | 6,223 | 3,318 | 185 | 30 | 9,756 |
| November | 5,609 | 3,217 | 188 | 30 | 9,044 |
| December | 5,208 | 3,260 | 155 | 22 | 8,645 |
| TOTALS | 63,977 | 35,999 | 1,951 | 363 | 102,290 |

## TABLE 18

## LOCALITY OF ACCIDENTS, 1941

| County or District | Medical Aid Only | Temporary Disability | Permanent Disability | Death | TOTALS |
|---|---|---|---|---|---|
| Algoma | 932 | 721 | 32 | 17 | 1,702 |
| Brant | 1,523 | 484 | 33 | 3 | 2,043 |
| Bruce | 137 | 186 | 12 | 1 | 336 |
| Carleton | 1,464 | 1,103 | 56 | 10 | 2,633 |
| Dufferin | 7 | 25 | 4 | .. | 36 |
| Dundas | 27 | 55 | 3 | 3 | 88 |
| Durham | 182 | 92 | 13 | .. | 287 |
| Elgin | 301 | 207 | 26 | 2 | 536 |
| Essex | 5,000 | 1,448 | 102 | 10 | 6,560 |
| Frontenac | 1,280 | 472 | 23 | 7 | 1,782 |
| Glengarry | 53 | 52 | 2 | .. | 107 |
| Grenville | 81 | 137 | 8 | .. | 226 |
| Grey | 444 | 250 | 24 | 4 | 722 |
| Haldimand | 171 | 90 | 7 | 5 | 273 |
| Haliburton | 64 | 80 | 3 | 1 | 148 |
| Halton | 257 | 221 | 12 | 4 | 494 |
| Hastings | 939 | 618 | 34 | 6 | 1,597 |
| Huron | 154 | 215 | 14 | 3 | 386 |
| Kenora | 316 | 392 | 18 | 11 | 737 |
| Kent | 735 | 322 | 19 | 2 | 1,078 |
| Lambton | 720 | 293 | 16 | 2 | 1,031 |
| Lanark | 164 | 201 | 11 | 3 | 379 |
| Leeds | 351 | 190 | 13 | 2 | 556 |
| Lennox-Addington | 72 | 106 | 3 | .. | 181 |
| Lincoln | 1,240 | 563 | 49 | 7 | 1,859 |
| Manitoulin | 13 | 47 | 3 | .. | 63 |
| Middlesex | 1,251 | 846 | 50 | 7 | 2,154 |
| Muskoka | 118 | 297 | 7 | 8 | 430 |
| Nipissing | 238 | 679 | 17 | 6 | 940 |
| Norfolk | 218 | 81 | 7 | .. | 306 |
| Northumberland | 93 | 96 | 3 | 2 | 194 |
| Ontario | 2,318 | 564 | 44 | 3 | 2,929 |
| Oxford | 833 | 362 | 23 | 5 | 1,223 |
| Parry Sound | 139 | 389 | 14 | 8 | 550 |
| Patricia | 460 | 285 | 9 | 6 | 760 |
| Peel | 881 | 269 | 17 | 3 | 1,170 |
| Perth | 363 | 245 | 13 | 3 | 624 |
| Peterborough | 862 | 352 | 27 | 3 | 1,244 |
| Prescott | 80 | 55 | 3 | 1 | 139 |
| Prince Edward | 65 | 82 | 3 | .. | 150 |
| Rainy River | 178 | 274 | 6 | 1 | 459 |
| Renfrew | 387 | 689 | 37 | 7 | 1,120 |
| Russell | 7 | 20 | 3 | .. | 30 |
| Simcoe | 1,349 | 781 | 32 | 8 | 2,170 |
| Stormont | 235 | 162 | 13 | 2 | 412 |
| Sudbury | 518 | 1,014 | 56 | 24 | 1,612 |
| Temiskaming-Cochrane | 3,110 | 2,741 | 129 | 42 | 6,022 |
| Thunder Bay | 2,289 | 2,110 | 94 | 35 | 4,528 |
| Victoria | 101 | 192 | 5 | 1 | 299 |
| Waterloo | 2,729 | 1,093 | 79 | 4 | 3,905 |
| Welland | 3,419 | 1,546 | 85 | 25 | 5,075 |
| Wellington | 897 | 452 | 27 | 2 | 1,378 |
| Wentworth | 5,307 | 2,678 | 163 | 13 | 8,161 |
| York | 18,887 | 8,966 | 437 | 36 | 28,326 |
| Not in Ontario | 18 | 109 | 8 | 5 | 140 |
| TOTALS | 63,977 | 35,999 | 1,951 | 363 | 102,290 |

## TABLE 19

## TIME LOSS, AVERAGE AGE, AND AVERAGE WAGE, 1941

| Class | TIME LOSS* | | | | | | AGE | WAGE |
|---|---|---|---|---|---|---|---|---|
| | Temporary Disability | | Permanent Disability | | Death Cases | | All Cases | All Cases |
| | Total Days | Average Days | Total Days | Average Days | Total Days | Average Days | Average Age (Years) | Average Weekly Wage |
| 1 | 92,297 | 27.41 | 19,396 | 143.67 | 93 | 2.74 | 34.86 | $17.32 |
| 2 | 37,365 | 21.61 | 5,380 | 114.47 | 13 | 1.08 | 35.77 | 22.64 |
| 3 | 11,077 | 18.28 | 2,929 | 54.24 | ... | ..... | 34.90 | 20.80 |
| 4 | 19,596 | 21.16 | 7,101 | 91.04 | 123 | 24.60 | 34.22 | 18.15 |
| 5 | 73,070 | 33.64 | 48,414 | 286.47 | 207 | 3.23 | 32.59 | 31.77 |
| 6 | 13,325 | 26.60 | 5,967 | 170.49 | 8 | 2.00 | 34.81 | 21.96 |
| 7 | 21,938 | 24.32 | 7,015 | 120.95 | 16 | 1.60 | 33.51 | 30.20 |
| 8 | 21,295 | 22.16 | 17,206 | 330.88 | 1,719 | 171.90 | 34.80 | 26.23 |
| 9 | 39,996 | 23.13 | 12,157 | 114.69 | 246 | 22.36 | 35.57 | 26.24 |
| 10 | 79,269 | 19.93 | 21,462 | 67.70 | 352 | 39.11 | 28.72 | 24.54 |
| 11 | 41,743 | 20.75 | 14,185 | 118.21 | 2 | .40 | 33.50 | 28.36 |
| 12 | 15,442 | 27.04 | 4,903 | 188.58 | 2 | .17 | 35.26 | 23.57 |
| 13 | 8,470 | 25.74 | 2,296 | 143.50 | 8 | 1.60 | 37.37 | 23.45 |
| 14 | 8,094 | 19.41 | 1,713 | 131.77 | ... | ..... | 35.59 | 23.49 |
| 15 | 38,421 | 21.93 | 9,591 | 147.55 | 44 | 4.89 | 32.41 | 21.43 |
| 16 | 10,905 | 19.65 | 5,093 | 106.10 | 0 | 0 | 31.63 | 21.58 |
| 17 | 15,747 | 19.44 | 5,047 | 100.94 | 52 | 10.40 | 32.87 | 19.43 |
| 18 | 10,151 | 18.03 | 347 | 57.83 | ... | ..... | 31.40 | 18.53 |
| 19 | 12,119 | 22.36 | 4,656 | 113.56 | 4 | 2.00 | 30.06 | 20.45 |
| 20 | 39,248 | 25.55 | 10,012 | 175.65 | 225 | 15.00 | 34.59 | 22.04 |
| 21 | 24,082 | 26.43 | 10,968 | 210.92 | 27 | 1.69 | 35.85 | 25.03 |
| 22 | 26,973 | 23.01 | 6,423 | 136.66 | 20 | 1.67 | 35.09 | 19.98 |
| 23 | 8,333 | 33.60 | 3,960 | 188.57 | 22 | 7.33 | 37.27 | 27.28 |
| 24 | 70,226 | 27.22 | 29,517 | 225.32 | 507 | 20.28 | 37.53 | 24.28 |
| Schedule 2 | 61,851 | 29.71 | 18,098 | 201.09 | 84 | 2.15 | 41.63 | 26.03 |
| Crown... | 76,352 | 25.04 | 13,920 | 118.97 | 732 | 13.56 | 39.17 | 25.65 |
| ALL..... | 877,385 | 24.37 | 287,756 | 147.49 | 4,506 | 12.41 | 34.68 | 23.86 |

*This does not include loss of man-power by permanent impairment or death.

## TABLE 20

## TOTAL AND AVERAGE COMPENSATION AND MEDICAL AID COSTS, 1941, SCHEDULE 1, BY CLASSES

### Compensation Costs

| Class | Temporary Disability Cases | | Permanent Disability Cases | | | | Death Cases | | | | | | ALL CASES | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | For Temporary Disability | | For Temporary Disability | | For Permanent Disability | | For Temporary Disability | | For Death Benefits | | For Funeral Expenses | | | |
| | Total | Average | Total | Average | Total | Average | Total | Average | Total | Average | Total | Average | Total | Average |
| | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 1 | 233,028.14 | 69.21 | 40,509.17 | 300.07 | 145,215.10 | 1,075.67 | 168.76 | 4.96 | 102,602.00 | 3,017.71 | 4,293.40 | 126.28 | 525,816.57 | 148.70 |
| 2 | 120,300.45 | 69.58 | 15,017.29 | 319.52 | 58,064.25 | 1,235.41 | 30.59 | 2.55 | 24,335.00 | 2,027.92 | 1,415.00 | 117.92 | 219,162.58 | 122.57 |
| 3 | 33,601.19 | 55.45 | 7,035.64 | 130.29 | 31,484.75 | 583.05 | ........ | ........ | ........ | ........ | ........ | ........ | 72,121.58 | 109.28 |
| 4 | 47,243.23 | 51.02 | 15,298.15 | 196.13 | 71,583.08 | 917.73 | 272.77 | 54.55 | 23,125.00 | 4,625.00 | 620.00 | 124.00 | 158,142.23 | 156.73 |
| 5 | 125,142.91 | 57.62 | 137,189.03 | 811.77 | 463,307.57 | 2,741.46 | 629.50 | 9.84 | 238,637.00 | 3,728.70 | 8,429.51 | 131.71 | 973,335.52 | 404.71 |
| 6 | 38,101.38 | 76.05 | 15,480.57 | 442.30 | 52,346.33 | 1,495.61 | 23.31 | 5.83 | 11,740.00 | 2,935.00 | 515.00 | 128.75 | 118,206.59 | 218.90 |
| 7 | 94,335.52 | 104.58 | 21,408.29 | 369.11 | 126,250.50 | 2,176.73 | 49.13 | 4.91 | 49,755.00 | 4,975.50 | 1,250.00 | 125.00 | 293,048.44 | 302.11 |
| 8 | 143,103.97 | 148.91 | 42,653.09 | 820.25 | 184,588.75 | 3,549.78 | 2,967.79 | 296.78 | 50,854.00 | 5,085.40 | 1,277.90 | 127.79 | 425,445.50 | 415.88 |
| 9 | 132,765.60 | 76.79 | 31,927.79 | 301.21 | 150,874.35 | 1,423.34 | 1,046.30 | 95.12 | 63,204.00 | 5,745.82 | 1,382.70 | 125.70 | 381,200.74 | 206.50 |
| 10 | 260,187.14 | 65.42 | 55,847.03 | 176.17 | 247,856.25 | 781.88 | 1,363.00 | 151.44 | 41,176.00 | 4,575.11 | 1,125.00 | 125.00 | 607,554.42 | 141.19 |
| 11 | 163,025.42 | 81.03 | 39,930.52 | 332.75 | 150,688.15 | 1,255.73 | 8.55 | 1.71 | 27,604.00 | 5,520.80 | 625.00 | 125.00 | 381,881.64 | 178.70 |
| 12 | 60,938.83 | 106.72 | 12,996.83 | 499.88 | 84,450.60 | 3,248.10 | 4.30 | .36 | 66,543.00 | 5,545.25 | 1,530.00 | 127.50 | 226,463.56 | 371.86 |
| 13 | 31,673.99 | 96.27 | 5,047.10 | 315.44 | 9,296.00 | 581.00 | 18.00 | 3.60 | 22,643.00 | 4,528.60 | 625.00 | 125.00 | 69,303.09 | 198.01 |
| 14 | 29,715.72 | 71.26 | 4,356.45 | 335.11 | 17,820.75 | 1,370.83 | ........ | ........ | ........ | ........ | ........ | ........ | 51,892.92 | 120.68 |
| 15 | 116,696.02 | 66.61 | 23,053.77 | 354.67 | 73,643.61 | 1,132.98 | 85.07 | 9.45 | 44,939.00 | 4,993.22 | 1,136.00 | 126.22 | 259,553.47 | 142.14 |
| 16 | 37,366.10 | 67.33 | 11,661.41 | 242.95 | 66,044.31 | 1,375.92 | 0 | 0 | 16,235.00 | 8,117.50 | 250.00 | 125.00 | 131,556.82 | 217.45 |
| 17 | 43,570.94 | 53.79 | 11,742.52 | 234.85 | 41,401.00 | 828.02 | 198.19 | 39.64 | 30,388.00 | 6,077.60 | 625.00 | 125.00 | 127,925.65 | 147.89 |
| 18 | 24,826.67 | 44.10 | 801.00 | 133.50 | 3,005.00 | 500.83 | ........ | ........ | ........ | ........ | ........ | ........ | 28,632.67 | 50.32 |
| 19 | 28,847.55 | 53.22 | 11,528.09 | 281.17 | 33,112.95 | 807.63 | 0 | 0 | 5,856.00 | 2,928.00 | 250.00 | 125.00 | 79,594.59 | 136.06 |
| 20 | 98,190.86 | 63.93 | 22,069.54 | 387.18 | 53,738.75 | 942.79 | 605.57 | 40.37 | 73,302.00 | 4,886.80 | 2,070.80 | 138.05 | 249,977.52 | 155.46 |
| 21 | 76,846.13 | 84.35 | 27,681.10 | 532.33 | 82,810.75 | 1,592.51 | 65.75 | 4.11 | 73,068.00 | 4,566.75 | 1,808.60 | 113.04 | 262,280.33 | 267.91 |
| 22 | 91,488.08 | 78.06 | 14,151.57 | 301.10 | 39,169.00 | 833.38 | 46.48 | 3.87 | 71,128.00 | 5,927.33 | 1,580.40 | 131.70 | 217,563.53 | 176.74 |
| 23 | 41,631.67 | 167.87 | 10,397.37 | 495.11 | 26,076.00 | 1,241.71 | 61.56 | 20.52 | 10,178.00 | 3,392.67 | 410.00 | 136.67 | 88,754.60 | 326.30 |
| 24 | 225,936.31 | 87.57 | 78,325.06 | 597.90 | 176,342.88 | 1,346.13 | 1,417.90 | 56.72 | 110,425.00 | 4,417.00 | 3,225.54 | 129.02 | 595,672.69 | 217.72 |
| ALL... | 2,298,563.82 | 74.46 | 656,108.38 | 376.21 | 2,389,170.68 | 1,369.94 | 9,062.52 | 33.56 | 1,157,737.00 | 4,287.91 | 34,444.85 | 127.57 | 6,545,087.25 | 199.05 |

## TABLE 20—Continued

### Medical Aid Costs

| Class | When Medical Aid Only | | In Temporary Disability Cases | | In Permanent Disability Cases | | In Death Cases | | FOR ALL CASES | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Total | Average | Total | Average | Total | Average | Total | Average | Total | Average |
| | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 1 | 5,704.79 | 5.52 | 125,042.58 | 37.14 | 34,578.49 | 256.14 | 1,250.05 | 36.77 | 166,575.91 | 36.45 |
| 2 | 9,889.80 | 5.95 | 51,542.95 | 29.81 | 8,504.31 | 180.94 | 475.60 | 39.63 | 70,412.66 | 20.40 |
| 3 | 5,244.40 | 5.16 | 14,363.56 | 23.70 | 4,570.69 | 84.64 | ...... | ...... | 24,178.65 | 14.42 |
| 4 | 7,340.94 | 5.25 | 30,577.79 | 33.02 | 10,188.63 | 130.62 | 321.25 | 64.25 | 48,428.61 | 20.13 |
| 5 | 27,311.50 | 8.05 | 110,616.69 | 50.93 | 50,101.66 | 296.46 | 3,689.57 | 57.65 | 191,719.42 | 33.07 |
| 6 | 4,576.25 | 5.40 | 24,990.42 | 49.88 | 6,651.08 | 190.03 | 90.00 | 22.50 | 36,307.75 | 26.16 |
| 7 | 12,159.90 | 5.85 | 38,312.55 | 42.48 | 14,496.48 | 249.94 | 467.00 | 46.70 | 65,435.93 | 21.47 |
| 8 | 11,101.75 | 5.06 | 27,741.57 | 28.87 | 14,165.25 | 272.41 | 1,200.70 | 120.07 | 54,209.27 | 16.84 |
| 9 | 30,725.21 | 4.91 | 58,542.14 | 33.86 | 16,804.85 | 158.54 | 1,143.60 | 103.96 | 107,215.80 | 13.24 |
| 10 | 65,092.55 | 5.30 | 115,826.32 | 29.12 | 33,518.22 | 105.74 | 6,306.11 | 700.68 | 220,743.20 | 13.30 |
| 11 | 50,300.55 | 5.70 | 71,542.38 | 35.56 | 17,422.34 | 145.19 | 174.00 | 34.80 | 139,439.27 | 12.72 |
| 12 | 9,065.91 | 6.66 | 34,562.95 | 60.53 | 8,638.15 | 332.24 | 560.30 | 46.69 | 52,827.31 | 26.82 |
| 13 | 3,160.30 | 6.05 | 13,575.95 | 41.26 | 3,735.83 | 233.49 | 232.50 | 46.50 | 20,704.58 | 23.74 |
| 14 | 5,618.10 | 5.72 | 11,739.22 | 28.15 | 2,585.15 | 198.86 | ...... | ...... | 19,942.47 | 14.12 |
| 15 | 19,529.44 | 6.09 | 56,110.90 | 32.03 | 16,098.42 | 247.67 | 574.10 | 63.79 | 92,312.86 | 18.34 |
| 16 | 9,412.61 | 6.41 | 19,630.97 | 35.37 | 5,718.56 | 119.14 | 20.00 | 10.00 | 34,782.14 | 16.78 |
| 17 | 7,556.89 | 5.40 | 21,679.82 | 26.77 | 6,548.94 | 130.98 | 534.50 | 106.90 | 36,320.15 | 16.04 |
| 18 | 7,128.26 | 5.49 | 13,763.19 | 24.45 | 634.71 | 105.79 | ...... | ...... | 21,526.16 | 11.53 |
| 19 | 7,140.99 | 6.01 | 16,377.91 | 30.22 | 6,181.02 | 150.76 | 77.41 | 38.71 | 29,777.33 | 16.79 |
| 20 | 10,253.27 | 5.97 | 47,533.54 | 30.95 | 18,201.93 | 319.33 | 1,547.97 | 103.20 | 77,536.71 | 23.31 |
| 21 | 6,503.00 | 5.63 | 36,167.10 | 39.70 | 18,186.31 | 349.74 | 727.95 | 45.50 | 61,584.36 | 28.86 |
| 22 | 12,462.92 | 5.84 | 41,217.66 | 35.17 | 8,604.87 | 183.08 | 779.55 | 64.96 | 63,065.00 | 18.75 |
| 23 | 2,710.54 | 5.61 | 14,393.31 | 58.04 | 5,691.35 | 271.02 | 343.35 | 114.45 | 23,138.55 | 30.65 |
| 24 | 20,937.02 | 5.44 | 106,923.06 | 41.44 | 37,016.88 | 282.57 | 7,882.08 | 315.28 | 172,759.04 | 26.23 |
| ALL..... | 350,926.89 | 5.68 | 1,102,774.53 | 35.73 | 348,844.12 | 200.03 | 28,397.59 | 105.18 | 1,830,943.13 | 19.35 |

## TABLE 21

## ALLEGIANCE OF INJURED WORKERS, 1941

| Allegiance to | Temporary Disability | Permanent Disability | Death | TOTALS |
|---|---|---|---|---|
| Austria | 222 | 8 | ... | 230 |
| Belgium | 14 | ... | ... | 14 |
| Brazil | 1 | 2 | ... | 3 |
| Bulgaria | 4 | 1 | ... | 5 |
| China | 2 | ... | ... | 2 |
| Czecho-Slovakia | 191 | 7 | ... | 198 |
| Denmark | 35 | 3 | 1 | 39 |
| Esthonia | 1 | ... | ... | 1 |
| Finland | 423 | 25 | 4 | 452 |
| France | 9 | 2 | ... | 11 |
| Germany | 31 | 2 | 1 | 34 |
| Great Britain | 31,263 | 1,731 | 296 | 33,290 |
| Greece | 6 | ... | ... | 6 |
| Holland | 18 | ... | 1 | 19 |
| Italy | 156 | 6 | 2 | 164 |
| Jugo-Slavia | 152 | 6 | 2 | 160 |
| Lithuania | 23 | ... | 1 | 24 |
| Norway | 42 | 4 | ... | 46 |
| Poland | 512 | 29 | 3 | 544 |
| Roumania | 52 | 5 | 1 | 58 |
| Russia | 468 | 16 | 6 | 490 |
| Sweden | 61 | 1 | 1 | 63 |
| Switzerland | 4 | ... | ... | 4 |
| Syria | 5 | ... | ... | 5 |
| United States | 95 | 4 | 2 | 101 |
| Not Specified | 2,209 | 99 | 42 | 2,350 |
| TOTALS | 35,999 | 1,951 | 363 | 38,313 |

## TABLE 22

## SEX AND MARITAL CONDITION OF INJURED WORKERS, 1941

| Sex and Marital Condition | Temporary Disability | Permanent Disability | Death | TOTALS |
|---|---|---|---|---|
| Males— | | | | |
| Married | 12,381 | 650 | 198 | 13,229 |
| Single | 8,056 | 318 | 16 | 8,390 |
| Widowed | 362 | 22 | 1 | 385 |
| Not Specified | 13,649 | 885 | 145 | 14,679 |
| Totals | 34,448 | 1,875 | 360 | 36,683 |
| Females— | | | | |
| Married | 384 | 14 | ... | 398 |
| Single | 787 | 46 | 1 | 834 |
| Widowed | 55 | 1 | ... | 56 |
| Not Specified | 325 | 15 | 2 | 342 |
| Totals | 1,551 | 76 | 3 | 1,630 |
| GRAND TOTALS | 35,999 | 1,951 | 363 | 38,313 |

## TABLE 23

## WEEK OF TERMINATION OF TEMPORARY DISABILITIES, 1941

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| In | 16,063 | cases | the | disability | terminated | in | 1 | to | 2 | weeks | after | the | accident |
| " | 6,343 | " | " | " | " | " | 2 | " | 3 | " | " | " | " |
| " | 3,766 | " | " | " | " | " | 3 | " | 4 | " | " | " | " |
| " | 2,536 | " | " | " | " | " | 4 | " | 5 | " | " | " | " |
| " | 1,686 | " | " | " | " | " | 5 | " | 6 | " | " | " | " |
| " | 1,164 | " | " | " | " | " | 6 | " | 7 | " | " | " | " |
| " | 836 | " | " | " | " | " | 7 | " | 8 | " | " | " | " |
| " | 708 | " | " | " | " | " | 8 | " | 9 | " | " | " | " |
| " | 487 | " | " | " | " | " | 9 | " | 10 | " | " | " | " |
| " | 354 | " | " | " | " | " | 10 | " | 11 | " | " | " | " |
| " | 298 | " | " | " | " | " | 11 | " | 12 | " | " | " | " |
| " | 265 | " | " | " | " | " | 12 | " | 13 | " | " | " | " |
| " | 197 | " | " | " | " | " | 13 | " | 14 | " | " | " | " |
| " | 143 | " | " | " | " | " | 14 | " | 15 | " | " | " | " |
| " | 107 | " | " | " | " | " | 15 | " | 16 | " | " | " | " |
| " | 120 | " | " | " | " | " | 16 | " | 17 | " | " | " | " |
| " | 106 | " | " | " | " | " | 17 | " | 18 | " | " | " | " |
| " | 80 | " | " | " | " | " | 18 | " | 19 | " | " | " | " |
| " | 70 | " | " | " | " | " | 19 | " | 20 | " | " | " | " |
| " | 50 | " | " | " | " | " | 20 | " | 21 | " | " | " | " |
| " | 48 | " | " | " | " | " | 21 | " | 22 | " | " | " | " |
| " | 48 | " | " | " | " | " | 22 | " | 23 | " | " | " | " |
| " | 42 | " | " | " | " | " | 23 | " | 24 | " | " | " | " |
| " | 33 | " | " | " | " | " | 24 | " | 25 | " | " | " | " |
| " | 23 | " | " | " | " | " | 25 | " | 26 | " | " | " | " |
| " | 29 | " | " | " | " | " | 26 | " | 27 | " | " | " | " |
| " | 29 | " | " | " | " | " | 27 | " | 28 | " | " | " | " |
| " | 25 | " | " | " | " | " | 28 | " | 39 | " | " | " | " |
| " | 23 | " | " | " | " | " | 29 | " | 30 | " | " | " | " |
| " | 30 | " | " | " | " | " | 30 | " | 31 | " | " | " | " |
| " | 22 | " | " | " | " | " | 31 | " | 32 | " | " | " | " |
| " | 22 | " | " | " | " | " | 32 | " | 33 | " | " | " | " |
| " | 20 | " | " | " | " | " | 33 | " | 34 | " | " | " | " |
| " | 14 | " | " | " | " | " | 34 | " | 35 | " | " | " | " |
| " | 13 | " | " | " | " | " | 35 | " | 36 | " | " | " | " |
| " | 157 | " | " | " | " | " | 36 | " | 52 | " | " | " | " |
| " | 42 | " | " | " | did not terminate in | | | | 52 | " | " | " | " |

35,999 TOTAL CASES

## TABLE 24

## NATURE OF INJURIES, 1941

### Temporary Disability Cases

| Class | Bruises, Contusions, and Abrasions | Cuts, Lacerations, and Punctures | Fractures | Crushes | Sprains, Strains, Twistings, and Wrenchings | Scalds and Burns | Eye Injuries | Herniae | Internal Injuries | Concussions (brain, spine, etc.) | Dislocations | All Other Injuries | Industrial Diseases (Schedule 3) | TOTALS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 765 | 1,112 | 546 | 166 | 556 | 35 | 67 | 39 | 5 | 7 | 16 | 53 | .. | 3,367 |
| 2 | 361 | 555 | 272 | 81 | 314 | 33 | 34 | 41 | .. | 2 | 12 | 24 | .. | 1,729 |
| 3 | 79 | 318 | 54 | 25 | 68 | 13 | 12 | 15 | 1 | .. | 7 | 14 | .. | 606 |
| 4 | 133 | 433 | 112 | 54 | 107 | 15 | 23 | 12 | 4 | 4 | 8 | 21 | .. | 926 |
| 5 | 401 | 482 | 585 | 76 | 329 | 61 | 103 | 62 | 4 | 7 | 13 | 36 | 13 | 2,172 |
| 6 | 84 | 142 | 111 | 29 | 69 | 17 | 21 | 7 | 2 | .. | 4 | 13 | 2 | 501 |
| 7 | 180 | 196 | 216 | 30 | 107 | 107 | 18 | 22 | .. | 3 | 2 | 19 | 2 | 902 |
| 8 | 126 | 216 | 144 | 55 | 108 | 200 | 61 | 19 | 1 | 2 | 4 | 21 | 4 | 961 |
| 9 | 300 | 423 | 390 | 119 | 231 | 106 | 80 | 39 | 1 | 2 | 7 | 30 | 1 | 1,729 |
| 10 | 497 | 1,567 | 632 | 261 | 391 | 210 | 140 | 69 | 9 | 7 | 18 | 167 | 9 | 3,977 |
| 11 | 349 | 644 | 336 | 82 | 245 | 88 | 111 | 67 | 1 | 5 | 14 | 68 | 2 | 2,012 |
| 12 | 95 | 100 | 118 | 37 | 105 | 45 | 13 | 25 | 2 | 5 | 5 | 19 | 2 | 571 |
| 13 | 56 | 81 | 64 | 12 | 78 | 8 | 4 | 13 | .. | 2 | 5 | 6 | .. | 329 |
| 14 | 50 | 188 | 40 | 16 | 77 | 13 | 4 | 14 | .. | 2 | 5 | 8 | .. | 417 |
| 15 | 273 | 515 | 275 | 73 | 353 | 153 | 20 | 33 | 2 | 7 | 10 | 38 | .. | 1,752 |
| 16 | 84 | 207 | 70 | 34 | 71 | 37 | 10 | 7 | 1 | 2 | 3 | 29 | .. | 555 |
| 17 | 139 | 298 | 102 | 50 | 136 | 26 | 17 | 11 | 1 | 2 | 5 | 22 | 1 | 810 |
| 18 | 57 | 266 | 40 | 28 | 74 | 56 | 9 | 5 | .. | 1 | 6 | 21 | .. | 563 |
| 19 | 64 | 198 | 72 | 60 | 84 | 17 | 3 | 21 | .. | .. | 1 | 22 | .. | 542 |
| 20 | 302 | 302 | 308 | 110 | 392 | 31 | 19 | 22 | 4 | 8 | 14 | 23 | 1 | 1,536 |
| 21 | 210 | 218 | 175 | 37 | 152 | 37 | 33 | 12 | 1 | 1 | 8 | 27 | .. | 911 |
| 22 | 160 | 408 | 201 | 47 | 213 | 55 | 16 | 23 | 4 | 3 | 3 | 35 | 4 | 1,172 |
| 23 | 47 | 58 | 78 | 14 | 30 | 5 | 4 | 3 | .. | 1 | 4 | 4 | .. | 248 |
| 24 | 482 | 618 | 496 | 111 | 523 | 135 | 84 | 35 | 3 | 12 | 22 | 58 | 1 | 2,580 |
| Schedule 2 | 466 | 339 | 471 | 98 | 445 | 82 | 45 | 52 | 4 | 10 | 21 | 48 | 1 | 2,082 |
| Crown... | 659 | 575 | 581 | 120 | 708 | 121 | 67 | 75 | 4 | 10 | 21 | 104 | 4 | 3,049 |
| ALL..... | 6,419 | 10,459 | 6,489 | 1,825 | 5,966 | 1,706 | 1,018 | 743 | 54 | 105 | 238 | 930 | 47 | 35,999 |

## TABLE 24—Continued

### Permanent Disability Cases

| Part of Body Affected | Per Cent. Impairment of Total Earning Capacity | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.0–9.9 | 10.0–19.9 | 20.0–29.9 | 30.0–39.9 | 40.0–49.9 | 50.0–59.9 | 60.0–69.9 | 70.0–79.9 | 80.0–89.9 | 90.0–99.9 | 100 | TOTALS |
| Foot | 86 | 25 | 4 | 2 | .. | 3 | .. | .. | .. | .. | .. | 120 |
| Leg | 42 | 25 | 29 | 4 | 10 | 8 | 5 | 3 | 1 | .. | 5 | 132 |
| Head | 7 | 2 | 6 | 2 | .. | 3 | 1 | 1 | .. | .. | 1 | 23 |
| Face | ... | ... | .. | .. | .. | .. | .. | .. | .. | .. | .. | ... |
| Eye | 42 | 112 | 2 | 2 | 1 | .. | 1 | 2 | .. | .. | 5 | 167 |
| Ear | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 |
| Arm | 62 | 43 | 17 | 6 | 11 | 13 | 5 | 3 | .. | .. | .. | 160 |
| Hand | 19 | 14 | 5 | 6 | 8 | .. | .. | .. | .. | .. | .. | 52 |
| Thumb and four fingers | ... | 1 | 2 | 2 | 2 | .. | .. | .. | .. | .. | .. | 7 |
| Thumb and three fingers | ... | ... | 3 | 4 | .. | .. | .. | .. | .. | .. | .. | 7 |
| Thumb and two fingers | 2 | 7 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. | 12 |
| Thumb and one finger | 11 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 13 |
| Thumb | 209 | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 220 |
| One finger | 598 | 6 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | 605 |
| Two fingers | 168 | 17 | 5 | 2 | 1 | .. | .. | .. | .. | .. | .. | 193 |
| Three fingers | 36 | 26 | 9 | 1 | .. | .. | .. | .. | .. | .. | .. | 72 |
| Four fingers | 5 | 6 | 8 | 3 | 1 | .. | .. | .. | .. | .. | .. | 23 |
| Internal organs | ... | ... | .. | .. | .. | 1 | .. | .. | .. | .. | .. | 1 |
| Industrial Diseases | ... | ... | .. | .. | 1 | 4 | .. | 2 | .. | .. | 46 | 53 |
| All other | 15 | 22 | 24 | 12 | 3 | 4 | 3 | 2 | .. | .. | 4 | 89 |
| TOTALS | 1,303 | 320 | 116 | 48 | 38 | 36 | 15 | 13 | 1 | .. | 61 | 1,951 |

### Industrial Diseases

| Description of Disease | Medical Aid Only | Temporary Disability | Permanent Disability | Death | TOTALS |
|---|---|---|---|---|---|
| Lead Poisoning or its sequelae | 1 | 24 | .. | .. | 25 |
| Arsenic Poisoning or its sequelae | .. | 4 | .. | .. | 4 |
| Chrome Poisoning | 2 | 1 | .. | .. | 3 |
| Benzol Poisoning | .. | 1 | .. | .. | 1 |
| Mercurial Poisoning | .. | 1 | .. | .. | 1 |
| Carbon Tetrachloride Poisoning | .. | 1 | .. | .. | 1 |
| Jaundice | .. | 1 | .. | .. | 1 |
| Silicosis, pneumoconiosis, phthisis | 2 | 14 | 53 | 6 | 75 |
| TOTALS | 5 | 47 | 53 | 6 | 111 |

## TABLE 25

## CAUSES OF ACCIDENTS, 1941

| Cause | Medical Aid Only | Temp. Dis. | Perm. Dis. | Death | TOTALS |
|---|---|---|---|---|---|
| *A. Prime Movers:* | | | | | |
| 1. Motors, engines, fans, pumps, and automatic stokers | 377 | 135 | 23 | 1 | 536 |
| 2. Shafting, couplings, collars, set-screws, and keys | 8 | 13 | 4 | 2 | 27 |
| 3. Belts, lines, pulleys, chains, and sprockets | 207 | 148 | 15 | 1 | 371 |
| 4. Gears, cogs, cams, and friction wheels | 15 | 4 | 2 | .. | 21 |
| Totals | 607 | 300 | 44 | 4 | 955 |
| *B. Working Machines:* | | | | | |
| 1. Brick-making machines | 14 | 14 | 1 | .. | 29 |
| 2. Glass-making machines | 60 | 15 | 5 | .. | 80 |
| 3. Pottery-making machines | 4 | 8 | .. | .. | 12 |
| 4. Stone-working machines | 66 | 30 | 5 | 2 | 103 |
| 5. Mine-drills, etc. | 364 | 231 | 20 | 2 | 617 |
| 6. Contracting machines | 150 | 132 | 10 | 3 | 295 |
| 7. Metal-working machines, n.e.s. | 1,620 | 457 | 67 | 2 | 2,146 |
| 8. Abrasive wheels | 4,795 | 444 | 41 | 1 | 5,281 |
| 9. Drilling and reaming machines | 2,019 | 371 | 32 | .. | 2,422 |
| 10. Lathes | 2,178 | 331 | 26 | .. | 2,535 |
| 11. Milling machines | 450 | 102 | 12 | .. | 564 |
| 12. Pneumatic tools | 719 | 133 | 7 | .. | 859 |
| 13. Presses—cutting, shaping, forming | 1,543 | 734 | 242 | 2 | 2,521 |
| 14. Shearing and punching machines | 288 | 163 | 26 | .. | 477 |
| 15. Wire-working machines | 73 | 37 | .. | .. | 110 |
| 16. Welding and heat-cutting machines | 994 | 131 | 3 | .. | 1,128 |
| 17. Wood-working machines, n.e.s. | 296 | 184 | 16 | .. | 496 |
| 18. Planers, jointers, and edgers | 136 | 173 | 34 | 2 | 345 |
| 19. Saws | 624 | 538 | 165 | 3 | 1,330 |
| 20. Shapers, moulders, and headers | 60 | 45 | 18 | .. | 123 |
| 21. Pulp and paper-making machines, n.e.s. | 42 | 29 | 2 | 1 | 74 |
| 22. Barkers | 8 | 10 | 1 | .. | 19 |
| 23. In-running rolls | 54 | 59 | 9 | 1 | 123 |
| 24. Paper-products and printing machines, n.e.s. | 120 | 70 | 10 | .. | 200 |
| 25. Cutting machines | 59 | 29 | 3 | .. | 91 |
| 26. Presses—printing and embossing | 155 | 83 | 13 | .. | 251 |
| 27. Stayers | 72 | 54 | 8 | .. | 134 |
| 28. Tanning machines | 3 | 2 | .. | .. | 5 |
| 29. Leather-working machines | 179 | 74 | 12 | .. | 265 |
| 30. Rubber-working machines | 103 | 57 | 13 | .. | 173 |
| 31. Textile machines, n.e.s. | 137 | 103 | 8 | .. | 248 |
| 32. Carders | 31 | 39 | 6 | 1 | 77 |
| 33. Pickers | 31 | 42 | 8 | .. | 81 |
| 34. Sewers | 433 | 110 | .. | .. | 543 |
| 35. Finishers and Launderers | 119 | 69 | 4 | 1 | 193 |
| 36. Knitters | 48 | 18 | 1 | .. | 67 |
| 37. Cutters | 107 | 40 | 2 | .. | 149 |
| 38. Weavers | 88 | 55 | 5 | .. | 148 |
| 39. Spinners | 90 | 62 | 6 | .. | 158 |
| 40. Food-products, laboratory, and tobacco machines, n.e.s. | 304 | 215 | 15 | .. | 534 |
| 41. Baking machines | 44 | 42 | 7 | .. | 93 |
| 42. Bottling machines | 98 | 45 | 3 | .. | 146 |
| 43. Office machines | 21 | 4 | .. | .. | 25 |
| Totals | 18,799 | 5,584 | 866 | 21 | 25,270 |

## TABLE 25—Continued

| Causes | Medical Aid Only | Temp. Dis. | Perm. Dis. | Death | TOTALS |
|---|---|---|---|---|---|
| *C. Hoisting Apparatus:* | | | | | |
| 1. Elevators | 134 | 123 | 5 | 4 | 266 |
| 2. Cranes | 353 | 255 | 34 | 12 | 654 |
| 3. Conveyors | 324 | 167 | 22 | 1 | 514 |
| 4. Mine cages | 31 | 45 | 6 | 5 | 87 |
| 5. Other hoisting apparatus | 362 | 300 | 31 | 5 | 698 |
| Totals | 1,204 | 890 | 98 | 27 | 2,219 |
| *D. Dangerous Substances:* | | | | | |
| 1. Steam escapes | 128 | 75 | 3 | 1 | 207 |
| 2. Explosives | 158 | 207 | 20 | 24 | 409 |
| 3. Electric currents | 101 | 56 | 9 | 10 | 176 |
| 4. Conflagrations | ... | 2 | . . | . . | 2 |
| 5. Hot and inflammable substances and flames | 1,222 | 998 | 15 | 15 | 2,250 |
| 6. Corrosive substances | 595 | 202 | 4 | 1 | 802 |
| 7. Poisonous and deleterious substances | 275 | 466 | 54 | 6 | 801 |
| Totals | 2,479 | 2,006 | 105 | 57 | 4,647 |
| *E. Stepping On or Striking Against Objects:* | | | | | |
| 1. Stepping on objects | 884 | 392 | . . | . . | 1,276 |
| 2. Striking against objects | 2,935 | 971 | 19 | 2 | 3,927 |
| Totals | 3,819 | 1,363 | 19 | 2 | 5,203 |
| *F. Falling Objects:* | | | | | |
| 1. From collapse of structure | ... | 21 | . . | . . | 21 |
| 2. From elevation | 1,856 | 1,216 | 20 | 6 | 3,098 |
| 3. In mines and quarries | 486 | 480 | 37 | 17 | 1,020 |
| 4. Other | 927 | 1,117 | 34 | 22 | 2,100 |
| Totals | 3,269 | 2,834 | 91 | 45 | 6,239 |
| *G. Handling Objects:* | | | | | |
| 1. Heavy objects—loading, carrying, rolling, or piling | 9,754 | 6,703 | 115 | 6 | 16,578 |
| 2. Sharp objects | 1,543 | 486 | 10 | . . | 2,039 |
| 3. Hand trucks, carts, and wheelbarrows | 1,259 | 1,014 | 11 | . . | 2,284 |
| Totals | 12,556 | 8,203 | 136 | 6 | 20,901 |
| *H. Tools* | 5,479 | 3,097 | 83 | . . | 8,659 |
| *I. Runaways and Animals:* | | | | | |
| 1. Runaways | 26 | 33 | 2 | 1 | 62 |
| 2. Animals | 209 | 194 | 4 | 3 | 410 |
| Totals | 235 | 227 | 6 | 4 | 472 |

### TABLE 25—Continued

| Cause | Medical Aid Only | Temp-Dis. | Perm. Dis. | Death | TOTALS |
|---|---|---|---|---|---|
| *J. Moving Trains, Vehicles, Etc.:* | | | | | |
| 1. Train wrecks | 7 | 41 | 2 | 9 | 59 |
| 2. Caught in switch or hit fixed objects | 9 | 45 | .. | 1 | 55 |
| 3. Struck by or caught between cars and engines | 7 | 56 | 7 | 19 | 89 |
| 4. Other causes, cars, and engines | 187 | 1,003 | 45 | 14 | 1,249 |
| 5. Mine and quarry cars | 216 | 253 | 16 | 1 | 486 |
| 6. Automobiles and other power vehicles | 2,079 | 1,539 | 78 | 41 | 3,737 |
| 7. Animal-drawn vehicles | 171 | 515 | 12 | 3 | 701 |
| 8. All other vehicles, including boats | 232 | 333 | 21 | 9 | 595 |
| Totals | 2,908 | 3,785 | 181 | 97 | 6,971 |
| *K. Falls of Persons:* | | | | | |
| 1. From elevations | 699 | 968 | 55 | 24 | 1,746 |
| 2. From ladders | 341 | 441 | 37 | 7 | 826 |
| 3. Into excavations, pits and shafts | 268 | 381 | 10 | 12 | 671 |
| 4. On level | 3,098 | 3,298 | 69 | 7 | 6,472 |
| 5. Into elevator shafts | 8 | 12 | 3 | .. | 23 |
| 6. From vehicles | 260 | 398 | 14 | 1 | 673 |
| 7. From collapse of support | 218 | 393 | 28 | 8 | 647 |
| 8. On steps | 462 | 434 | 3 | .. | 899 |
| 9. From tool slipping | 158 | 229 | 8 | .. | 395 |
| Totals | 5,512 | 6,554 | 227 | 59 | 12,352 |
| *L. Flying Fragments:* | 6,361 | 681 | 78 | .. | 7,120 |
| *M. All Other Causes:* | | | | | |
| 1. Doors, gates, windows, and covers | 499 | 186 | 8 | 1 | 694 |
| 2. Inhalation of gases, fumes, etc. | 54 | 25 | 1 | 6 | 86 |
| 3. Immersion in water and drenchings | 2 | 3 | .. | 20 | 25 |
| 4. Exposure to elements | 30 | 83 | 1 | 4 | 118 |
| 5. Violence | 53 | 41 | .. | 2 | 96 |
| 6. Cave-ins | 16 | 68 | 6 | 8 | 98 |
| 7. Not elsewhere specified | 95 | 69 | 1 | .. | 165 |
| Totals | 749 | 475 | 17 | 41 | 1,282 |
| GRAND TOTALS | 63,977 | 35,999 | 1,951 | 363 | 102,290 |

## TABLE 26

## DEATH CASES, 1941

### Number of Cases

| | |
|---|---|
| Pension Awards | 249 |
| Lump Sums | 23 |
| Burial Expenses and Medical Aid Only | 70 |
| Burial Expenses Only | 21 |
| TOTAL | 363 |

### Number, Relationship, and Residence of Dependents

| Relationship of Dependents | Resident in Ontario | Not Resident in Ontario | TOTALS |
|---|---|---|---|
| Widow | 195 | 9 | 204 |
| Child | 232 | 30 | 262 |
| Mother | 41 | 12 | 53 |
| Father | 29 | 10 | 39 |
| Other | 7 | .. | 7 |
| TOTALS | 504 | 61 | 565 |

# APPENDIX

## SUMMARY OF COMPENSATION AND MEDICAL AID AWARDED

### From Commencement of Act to End of 1942

### Compensation Awarded

| | | |
|---|---|---|
| Schedule 1 Industries | $106,712,730.04 | |
| Schedule 2 (including Crown Cases) | 30,878,392.85 | |
| Total Compensation | $137,591,122.89 | |

### Medical Aid Paid

| | | |
|---|---|---|
| Schedule 1 Industries | $ 25,481,167.22 | |
| Schedule 2 (including Crown Cases)—Furnished by Employer | | |
| Total Benefits Awarded by Board | | $163,072,290.11 |

## SUMMARY OF ACCIDENTS REPORTED

### From Commencement of Act to End of 1942

| | |
|---|---|
| Total Number of Accidents Reported | 1,702,128 |

## FINANCIAL STATEMENT FOR SCHEDULE 1 INDUSTRIES

### From Commencement of Act to End of 1942

| Income and Credits | |
|---|---|
| Net Assessments | $142,113,381.24 |
| Under Section 8 | 237,337.71 |
| Under Section 84 (4) | 54,151.39 |
| Under Section 107 | 166,916.32 |
| Under Section 114 | 8,607.34 |
| From D. P. & N. H. | 329,402.20 |
| For Accidents to Blind Workmen | 1,230.86 |
| From Accident Cost Refunds | 60,508.72 |
| Interest | 3,870,567.10 |
| Credited from Disaster Reserve | 402,950.07 |
| Credited from Pension Fund | 1,027,214.62 |
| Assessments estimated to be due on adjustment of 1942 pay rolls (see Table 1) | 1,065,830.00 |
| | $149,338,097.57 |

| Expenditure and Charges | |
|---|---|
| Compensation, other than pensions, compensation deferred, and under Sections 22 and 36 | $ 54,429,405.29 |
| Pensions Awarded | 48,272,672.13 |
| Deferred Compensation Awarded | 1,250,385.00 |
| Under Section 22 | 996.40 |
| Under former Section 36 | 41.75 |
| Under Section 8 | 17,026.61 |
| Medical Aid | 25,230,097.60 |
| Administration Expenses | 6,834,044.21 |
| Safety Associations | 3,462,906.96 |
| Rehabilitation | 107,792.40 |
| Mine Rescue Work | 231,871.10 |
| Clinic Expenses | 146,798.92 |
| Pneumoconiosis Examinations | 66.14 |
| Pneumoconiosis estimated outstanding | 1,540,563.64 |
| Compensation and Medical Aid estimated outstanding | 4,113,340.49 |
| Transferred to Disaster Reserve | 353,259.80 |
| Balance at Credit of Classes (see Table 1) | 3,346,827.13 |
| | $149,338,097.57 |

## SUMMARY OF PENSION FUND, SCHEDULE 1

### From Commencement of Act to End of 1942

| | |
|---|---|
| Pension Awards | $48,138,047.87 |
| Amount transferred from Disaster Reserve | 134,624.26 |
| Amount transferred from Silicosis Account | 1,394,314.55 |
| Interest added | 20,708,057.58 |
| | $70,375,044.26 |
| Pension payments | 38,519,074.63 |
| | $31,855,969.63 |
| Amount transferred to Current Account | 1,027,214.62 |
| Balance December 31, 1942 | $30,828,755.01 |

## SUMMARY OF COMPENSATION DEFERRED, SCHEDULE 1

### From Commencement of Act to End of 1942

| | |
|---|---|
| Compensation Deferred | $ 1,253,870.17 |
| Interest added | 108,861.11 |
| | $ 1,362,731.28 |
| Paid to claimants, principal and interest | 1,193,398.93 |
| Balance December 31, 1942 | $ 169,332.35 |

## SUMMARY OF DISASTER RESERVE, SCHEDULE 1

### From Commencement of Act to End of 1942

| | |
|---|---|
| Amount set aside | $ 353,259.80 |
| Interest added | 286,639.13 |
| | 639,898.93 |
| Transferred to Classes | 402,950.07 |
| Balance December 31, 1942 | $ 236,948.86 |

## SUMMARY OF RESERVE FOR DEPRECIATION OF SECURITIES, SCHEDULE 1

### From Commencement of Act to End of 1942

| | | |
|---|---|---|
| Amount received on sale of Investments in Excess of Book Value | | $ 773,198.61 |
| Interest | | 617,402.14 |
| | | $ 1,390,600.75 |
| Transferred to Classes | $ 322,610.66 | |
| Transferred to Silicosis Account | 294,791.48 | |
| Transferred to Investment Account | 433,680.71 | |
| | | 1,051,082.85 |
| Balance December 31, 1942 | | $ 339,517.90 |

## SUMMARY OF SILICOSIS ACCOUNT, SCHEDULE 1

### From Commencement of Act to End of 1942

| | | |
|---|---|---|
| Assessments collected | | $ 6,817,926.51 |
| Received from D.P. & N.H. | | 2,322.22 |
| Interest added | | 695,598.62 |
| | | $ 7,515,847.35 |
| Payments made: | | |
| Compensation | $ 2,651,120.02 | |
| Medical Aid | 251,069.62 | |
| Salaries and Expenses | 820,493.87 | |
| Handling Claims and Supervision | 191,708.28 | |
| Salaries and Expenses of Referee Board | 55,535.53 | |
| | | 3,969,927.32 |
| Balance December 31, 1942 | | $ 3,545,920.03 |

## SUMMARY OF INVESTMENTS, SCHEDULE 1

### From Commencement of Act to End of 1942

| | | |
|---|---|---|
| Invested | | $73,074,437.52 |
| Less principal returned | $30,086,498.45 | |
| Less amount written off for depreciation | 433,680.71 | |
| | | 30,520,179.16 |
| Book Value of Investments, December 31, 1942 | | $42,554,258.36 |

## SUMMARY OF SCHEDULE 2 FUNDS

### From Commencement of Act to End of 1942

| | | |
|---|---|---|
| Received from employers | | $25,347,838.59 |
| Interest received | | 4,212,991.23 |
| Amount received from sale of Investments in excess of Book Value | | 206,663.91 |
| | | $29,767,493.73 |
| Payments made | $24,904,144.71 | |
| Deposits returned to employers | 1,322,495.20 | |
| | | 26,226,639.91 |
| Cash in Bank and Invested, December 31, 1942 | | $ 3,540,853.82 |

## SUMMARY OF INVESTMENTS, SCHEDULE 2

### From Commencement of Act to End of 1942

| | |
|---|---|
| Invested | $ 5,651,959.23 |
| Less principal returned | 2,239,260.90 |
| Book Value of Investments, December 31, 1942 | $ 3,412,698.33 |

## SUMMARY OF RESERVE FOR DEPRECIATION OF SECURITIES, SCHEDULE 2

### From Commencement of Act to End of 1942

| | |
|---|---|
| Amount received from sale of Investments in excess of Book Value | $ 206,693.91 |
| Interest added | 7,540.99 |
| Balance December 31, 1942 | $ 214,234.90 |

## SUMMARY OF RECEIPTS AND PAYMENTS

### From Commencement of Act to End of 1942

### Schedule 1

**Receipts**

| | | |
|---|---|---|
| Assessments, Including additional assessments, added percentage, and interest for under or over estimate, | $143,104,439.29 | |
| Less Merit Rating: (Charges...$1,067,195.43 Refunds... 2,058,253.48) | —991,058.05 | $142,113,381.24 |
| Section 8 | | 237,337.71 |
| Section 84 (4) | | 54,151.39 |
| Section 107 | | 166,916.32 |
| Section 114 | | 8,607.34 |
| D. P. & N. H. | | 331,724.42 |
| From Province of Ontario for Blind Workmen | | 1,230.86 |
| Accident Cost Refunds | | 60,508.72 |
| Silicosis Assessments | | 6,817,926.51 |
| From Province of Ontario under Section 78, grants for administration expenses | | 655,500.00 |
| Interest from investments and bank deposits | | 25,669,723.54 |
| From Schedule 2 and Crown Employers for share of administrative expense | | 1,149,246.58 |
| Principal returned from investments | | 30,086,498.45 |
| Amount received from sales of investments in excess of book value | | 773,198.61 |
| For special statistical and other services | | 116,981.89 |
| Rehabilitation Clinic | | 103,214.16 |
| Refund of administration expenses, result of special investigation | | 782.35 |
| | | $208,346,930.09 |

**Payments**

| | |
|---|---|
| Compensation payments, other than pensions or deferred payments or under Sections 22 or 36 | $ 54,429,405.29 |
| Pensions | 38,519,074.63 |
| Deferred payments — Principal and Interest | 1,193,398.93 |
| Under Section 22 | 996.40 |
| Under former Section 36 | 41.75 |
| Under Section 8 | 17,026.61 |
| Medical Aid | 25,230,097.60 |
| Rehabilitation | 107,792.40 |
| Administration Expenses | 9,048,026.55 |
| Safety Associations | 3,462,906.96 |
| Investments | 73,074,437.52 |
| Silicosis | 2,381,044.32 |
| Mine Rescue Work | 221,363.31 |
| Clinic Expenses | 245,402.82 |
| Pneumoconiosis Examinations | 66.14 |
| Overpayment of Administration Expenses from Schedule 2 employers (refunded in 1926) | .12 |
| Cash in Banks, Dec. 31, 1942 | 415,848.74 |
| | $208,346,930.09 |

### Schedule 2

**Receipts**

| | |
|---|---|
| From Employers for Deposits under Section 28 and for Claimants' Moneys | $ 7,807,200.39 |
| From Employers for Deposits under Section 32 | 17,540,638.20 |
| Interest from Investments and Bank Deposits | 4,212,991.23 |
| Investments: | |
| Principal returned | 2,239,260.90 |
| Amount received from sale in excess of book value | 206,663.91 |
| | $12,006,754.63 |

**Payments**

| | |
|---|---|
| To Claimants out of Deposits under Section 28 and Claimants' Moneys | $ 7,598,816.02 |
| Returned to Employers out of Deposits under Section 28 | 1,138,815.86 |
| Paid out of Deposits under Section 32: | |
| Compensation and Medical Aid | 17,301,288.07 |
| Rehabilitation | 4,040.62 |
| Returned to Employers | 177,909.84 |
| To Schedule 1 for Administration Expenses | 5,769.50 |
| Investments | 5,651,959.23 |
| Cash in Bank, Dec. 31, 1942 | 128,155.49 |
| | $12,006,754.63 |

## AUDITOR'S CERTIFICATE

2nd March, 1943.

THE WORKMEN'S COMPENSATION BOARD OF ONTARIO,
Toronto, Ont.

Dear Sirs:

I have completed a continuous audit of the books of the Board for the year ended 31st December, 1942, and have obtained all the information and explanations I have required.

In my opinion the attached statements of Receipts and Payments, Table 6, Schedules No. 1 and No. 2, truly and fairly set forth the cash transactions of the Board for the year ended 31st December, 1942.

Bank balances at the close of the period have been verified by direct communication with the Board's bankers.

The amortized book value of the investments held by the Board at 31st December, 1942, was $45,965,956.69, and I confirmed by a physical examination the securities representing these investments as at that date. Debenture principal and coupons, due and unpaid at 31st December, 1942, amounted to $159,804.12.

Respectfully submitted,

ALEXANDER G. CALDER, F.C.A.,
Chartered Accountant.

## TABLE 6

## STATEMENT OF RECEIPTS AND PAYMENTS DURING 1942

### Schedule 1

### Receipts

| | | |
|---|---|---|
| Cash in Banks 1st Jan., 1942: | | |
| Canadian Bank of Commerce....$ | 5,881.64 | |
| Dominion Bank.. | 398,189.74 | |
| Royal Bank of Canada....... | 21,805.66 | 425,877.04 |
| Net Assessments, Penalties, etc.: | | |
| Gross Assessm'ts. | $11,632,598.79 | |
| Under Section 8.. | 17,699.52 | |
| Under Section 107 | 1,716.91 | |
| Under Section 114 | 399.99 | |
| From D.P.&N.H. | 19,520.21 | |
| From Accident Cost Refunds.. | 1,035.81 | |
| | $11,672,971.23 | |
| Less: | | |
| Assessments and Penalties Refunded..... | 72,991.40 | 11,599,979.83 |
| Silicosis Assessments............ | | 908,390.79 |
| Interest: | | |
| Investments.....$ | 1,634,343.42 | |
| Exchange Premiums..... | 44,131.20 | |
| Bank Deposits... | 2,435.26 | |
| | | 1,680,909.88 |
| Investments: | | |
| Principal Returned......$ | 689,020.63 | |
| Amount received in excess of Book Values... | 34,518.61 | 723,539.24 |
| From Schedule 2 and Crown Employers: For Administration Expenses, account of prior years, paid out of Schedule 1 in 1941.... | | 62,699.00 |
| Refunds of Clinic Expenses: | | |
| From Medical Aid | $ 140.90 | |
| From Schedule 2 Employers..... | 4,382.84 | 4,523.74 |
| | | $15,405,919.52 |

### Payments

| | | |
|---|---|---|
| Compensation other than Pensions and Deferred Compensation.................... | | $3,358,363.96 |
| Pensions.................... | | 2,699,813.57 |
| Deferred Compensation....... | | 103,073.45 |
| Rehabilitation.............. | | 12,526.85 |
| Medical Aid................. | | 1,939,561.93 |
| Silicosis: | | |
| Compensation.. | $179,941.95 | |
| Rehabilitation.. | 150.00 | |
| Medical Aid.... | 38,291.83 | |
| Expenses....... | 90,332.01 | 308,715.79 |
| Under Section 8.............. | | 162.88 |
| Mine Rescue Work........... | | 17,145.99 |
| Administration Expenses...... | | 727,283.66 |
| Safety Associations........... | | 283,760.00 |
| Clinic Expenses.............. | | 65,739.40 |
| | | $9,516,147.48 |
| Investments: | | |
| Securities for Permanent Investment................ | | 5,473,923.30 |
| Cash in Banks 31st Dec., 1942: | | |
| Canadian Bank of Commerce.$ | 42,382.32 | |
| Dominion Bank. | 301,474.33 | |
| Royal Bank of Canada...... | 71,992.09 | 415,848.74 |
| | | $15,405,919.52 |

## Schedule 2

| Receipts | | |
|---|---|---|
| Cash in Bank 1st Jan., 1942: | | |
| Imperial Bank of Canada.... | | $ 95,608.47 |
| Employers' Deposits under Section 28.................... | | 300,314.52 |
| Employers' Deposits under Section 32.................... | | 1,186,855.61 |
| Employers' Deposits for Claimants' Monies............... | | 7,833.49 |
| Interest: | | |
| Investments.... | $159,667.54 | |
| Exchange Premiums.... | 2,236.23 | |
| Bank Deposits.. | 514.67 | |
| | | 162,418.44 |
| Investments: | | |
| Principal Returned......... | | 66,722.89 |
| | | $1,819,753.42 |

| Payments | | |
|---|---|---|
| Claimants out of Deposits under Section 28................. | | $ 348,437.82 |
| Deposits Returned to Employers under Section 28........ | | 7,387.28 |
| Claimants out of Claimants Monies.................... | | 7,507.35 |
| Paid out of Deposits under Section 32: | | |
| Compensation . | $1,075,557.72 | |
| Medical Aid... | 137,333.05 | |
| Rehabilitation. | 55.00 | |
| | | 1,212,945.77 |
| Deposits Returned to Employers under Section 32........ | | 16,101.65 |
| Investments................. | | 99,218.06 |
| Cash in Bank, 31st Dec., 1942: | | |
| Imperial Bank of Canada.... | | 128,155.49 |
| | | $1,819,753.42 |

Ontario Department of Agriculture

# REPORT

OF THE

# Ontario Veterinary College

# 1941

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 29, 1943

ONTARIO

TORONTO

PRINTED AND PUBLISHED BY
T. E. BOWMAN, PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1942

REPORT OF THE

# Ontario Veterinary College

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TO THE HONOURABLE P. M. DEWAN,
Minister of Agriculture.

Sir:—

I have the honour to present herewith the following report of the Ontario Veterinary College for the year extending from April 1st, 1941, to March 31st, 1942.

## Convocation

At the Convocation of the University of Toronto held on May 9th, 1941, the Chancellor, The Rt. Hon. Sir William Mulock, P.C., K.C.M.G., M.A., LL.D., conferred the degree of Bachelor of Veterinary Science (B.V.Sc.) on fifty-eight graduates.

## Commencement

The Annual Commencement and Presentation of Prizes took place on November 5th, 1941, in the Assembly Hall of the College. J. Albert Smith, M.L.A., Hydro-Electric Power Commissioner, was the principal speaker. The prizes were presented to the successful candidates by the Hon. P. M. Dewan, Minister of Agriculture.

## Student Enrolment

A total of 196 students were enrolled. As in former years, students were in attendance from all of the Provinces of Canada, also from other parts of the British Empire and from the United States.

## The Teaching and Executive Staff

C. D. McGilvray, M.D.V., D.V.Sc., *Principal: Contagious Diseases, Sanitary Science.*
W. J. R. Fowler, V.S., B.V.Sc., D.V.M.: *Surgery, Anatomy.*
R. A. McIntosh, M.D.V., B.V.Sc.: *Diseases of Cattle, Obstetrics, Therapeutics.*
F. W. Schofield, B.V.Sc., D.V.Sc.: *Pathology, Bacteriology.*
L. Stevenson, B.S.A., M.S., B.V.Sc.: *Zoology, Fur-Bearing Animals.*
J. S. Glover, V.S., B.V.Sc.: *Milk and Meat Hygiene, Poultry Diseases.*
*A. A. Kingscote, B.V.Sc., D.V.Sc.: *Pathology, Parasitology.*
F. J. Cote, B.V.Sc.: *Canine and Feline Diseases.*
V. R. Brown, B.V.Sc.: *Anatomy, Hygiene.*
G. Cairns, B.V.Sc., M.R.C.V.S.: *Sporadic Diseases, Hygiene.*
*A. F. Bain, B.V.Sc.: *Bacteriology.*
*R. T. Ingle, B.V.Sc., M.Sc: *Pathology.*
A. H. Kennedy, B.S.A., B.V.Sc., D.V.Sc.: *Pathology, Parasitology.*
C. E. Phillips, B.V.Sc.: *Pathology, Bacteriology.*
H. T. Batt, B.V.Sc., M.V.Sc., M.S., D.V.Sc., Ph.D. (Cornell), Certificat de l'Ecole d'Alfort (France): *Histology, Physiology.*
R. Forbes Colgate, B.V.Sc.: *Pathology.*

J. K. BLAIR: *Jurisprudence.*
A. L. SHEPHERD: *Executive Clerk.*
MISS A. WALSH: *Secretary.*
MISS L. NOTT: *Librarian and Stenographer.*
MISS M. URQUHART: *Stenographer.*
MISS E. SHEPHERD: *Stenographer.*
**On Military Leave.*

## Courses of Study and Instruction

The prescribed course of study for the degree of Bachelor of Veterinary Science (B.V.Sc.) extends over a period of five years. In the case of candidates submitting Pass Matriculation certificates, they may be admitted to the first year, while candidates submitting Honour Matriculation certificates, or who have completed one or more years in a recognized college or university, may be admitted to the second year of the five-year course.

A detailed outline of the entrance requirements and the course of studies is contained in the college calendar, which is available to those interested. In addition to the regular undergraduate course outlined in the calendar, special short courses were provided as follows:

## Special Public Health Course

A Special course of instruction in Public Health was given senior students by the staff of the Ontario Department of Health. The course included the following subjects:

*Public Health Administration.*
*Principles of Sanitation.*
*Communicable Diseases.*
*Food-Borne Infections.*
*Interpretation of Laboratory Findings.*
*Bacteriology of Enteric-Infections.*
*Human Parasitic Infections.*
*Inspection of Water Supplies.*
*Inspection of Sewage Disposal.*
*Inspection of Restaurants and Bottling Plants.*
*Industrial Hazards in Meat Packing Industry.*
*Ventilation and Fumigation.*
*Dairy Sanitation.*

## Special Course for Fur Breeders

During the month of June a course was provided for those engaged in the rearing of fur-bearing animals. About 250 fur breeders attended. The course was arranged in coöperation with the Ontario Fur Breeders' Association and comprised lectures and demonstrations on the following subjects:

*Factors on Which Growth Depend.*
*Coöperation among Fur Breeders.*
*The Platina Fox.*
*Successful Marketing.*
*Practical Handling of a Distemper Outbreak.*
*Silver Fox Management.*
*Market Requirements in Mink.*
*Ranch Management.*
*The Flesh Fly, Its History and Development.*
*Mink Raising Problems.*

## Special Course for Veterinarians

During the month of July a special course for graduate veterinarians was provided in coöperation with the Ontario Veterinary Association, and the Canadian Feed Manufacturers' Association. There were approximately 150 in attendance and the programme comprised the following topics:

*Malignant Catarrh of Cattle.*
*Recent Developments in the Treatment of Mastitis.*
*Factors on Which Animal Growth Depends.*
*Controlled Experiments in High Protein and Vitamin Feeding of Pigs.*
*Swine Diseases.*
*The Control of Bang's Disease in Cattle.*
*Feeds and Feeding in Relation to Nutrition.*
*Diet Therapy.*
*A Study of Post Mortem Findings in Swine.*
*Artificial Insemination Demonstration.*
*Clinical and Surgical Demonstrations.*

During the months of December and January a series a lectures and demonstrations were given to students attending the Farmers' Short Course and Dairy Course at the Ontario Agricultural College. The course embraced the following topics:

*Prevention and Control of Animal Insect Pests.*
*Mineral Deficiencies Affecting Farm Animals.*
*Preventable Diseases of Horses and Cattle.*
*Preventable Diseases of Sheep and Swine.*
*Care and Management of Breeding Animals.*
*Care and Management of the Young at Birth.*
*Cleaning and Disinfection of Stables.*
*Examination of Horses for Soundness.*

## Clinical Service

This service is provided for veterinarians and live stock owners where clinical assistance is desired. The nature and extent of the services rendered are as follows:

*Animal Clinics:* These clinics are held each week throughout the College Session. Animals of all classes may be submitted to these clinics for diagnosis, medical and surgical treatment.

*Horses:* The cases submitted were largely surgical and included fistulous withers, poll-evil, roaring, hernia, cryptorchidism, lameness, including deformities of the feet and canker. Parasitic and other skin affections are frequently observed. Dental cases and tumor formations are also of common occurrence.

*Cattle:* Many of the cattle cases brought to the clinic represented herd conditions, among the diseases predominating being retention of the afterbirth, sterility, mastitis, actinomycosis, calf scours, calf pneumonia, necrotic stomatitis, hernia, umbilical infections, leukemia, tumors, nutritional diseases and hemorrhagic septicemia.

The majority of the cattle cases were related to reproduction in the male and female. In some instances they were of an unusual character, being due to congenital deformities, functional disturbances and genital infections.

*Swine:* These comprised surgical cases and diseases prevailing in litters and herds. The surgical cases comprised scrotal and umbilical hernia, cryptorchidism and hermaphrodism. Among the diseases affecting herds and litters were gastro-enteritis, respiratory affections, anemia of young pigs and other nutritional diseases, parasitic diseases, including lice and mange, erysipelas, hemorrhagic septicemia, necrotic enteritis and infectious rhinitis.

*Sheep:* The majority of these cases represented flock maladies and comprised parasitic infestation, hemorrhagic septicemia, goitre, nutritional diseases, pregnancy disease, stiff lamb disease, vaginal prolapse and cases of tetanus following docking and castration.

*Small Animals:* These consisted largely of pet animals, namely dogs and cats, requiring surgical attention. A large number of diseased conditions were also treated, including cases of mange, eczema, distemper, chorea, gastritis and dietary conditions.

*Fur-Bearing Animals:* The prevention and control of diseases affecting fur-bearing animals is becoming increasingly important. Considerable investigational work was undertaken relating to losses occurring on fox and mink ranches. Diagnostic work was also undertaken in the examination of specimens submitted for laboratory examination.

## Extension Work Relating to Bang's Disease

In coöperation with practicing veterinarians and live stock owners the work relating to the control of Bang's disease in cattle (Contagious Abortion) has been further expanded, under the following plans:

1. *Testing of Individual Herds:*

   Under this plan 28,020 cattle were tested, of which 79% were negative, 15% positive, 6% doubtful.

2. *Testing of Dairy Cattle for Export:*

   These tests were made officially covering the export of dairy cattle to the United States and comprised 4,639 cattle, of which 95% were negative, 3% positive, 2% doubtful.

3. *Supervised Calfhood Vaccination:*

   Under this plan vaccination was undertaken in 490 herds. A total of 5,691 calves were vaccinated and check tested. Vaccination was restricted to calves between 4 and 8 months of age.

4. *Testing of Herds in Prescribed Areas:*

   Where a group of 10 or more owners in a prescribed area desire to have their herds tested, the Department will arrange for the testing of these herds. Under this plan 9 areas have been established, as follows:

   1. *Schomberg Area:* Includes 276 herds comprising 3,191 cattle.
   2. *Northumberland Area:* Includes 186 herds comprising 2,805 cattle.
   3. *Stormont Area:* Includes 54 herds comprising 970 cattle.
   4. *Maxville Area:* Includes 43 herds comprising 1,066 cattle.
   5. *Durham Area:* Includes 36 herds comprising 480 cattle.
   6. *Carp Area:* Includes 25 herds comprising 500 cattle.
   7. *Orono Area:* Includes 18 herds comprising 171 cattle.
   8. *Almonte Area:* Includes 14 herds comprising 179 cattle.
   9. *Brockville Area:* Includes 10 herds comprising 269 cattle.

## Research and Investigation

During the year several unusual outbreaks of disease have been investigated. It is sometimes difficult for a practicing veterinarian to come to a definite conclusion as to the exact nature of a disease which may be either a new disease in the locality or an old disease manifesting unusual symptoms. With the aid of the college staff and laboratory facilities such problems can be more readily solved. A few diseases receiving attention are briefly summarized herewith.

*Vitamin "A" Assays of the Milk of Nursing Sows:* Assays have been made to determine the number of International Units of Vitamin "A" in the milk of nursing sows, especially where high mortality had occurred among the young. In several instances a very marked deficiency was detected. The feeding of cod liver oil or foods high in vitamin "A" has been found of value in lessening the mortality rate in young pigs.

*Malignant Oedema:* Infection in sheep, horses and cattle with *Cl. septique* does not commonly occur. An outbreak among sheep and one which affected horses and cattle in the same stable were investigated.

*Poisoning with Mouldy Sweet Clover:* Fatal hæmorrhage following castration of three bull calves was found on investigation to be due to the feeding of slightly damaged sweet clover. Degeneration and necrosis of the liver was demonstrated microscopically.

*Miscellaneous Diseases:* Cases of the following diseases were also the subject of study: Pulpy Kidney of sheep; Johne's Disease in cattle; Splenomedullary Leukæmia in a cow; and Hæmangioma in a heifer.

## Pathological and Bacteriological Examinations

During the current year 479 specimens were received for laboratory examination, as indicated in the following table:

| Nature of Case | Cattle | Sheep | Horses | Swine | Dogs | Cats | Rabbits | Birds | Fox | Mink | Feed Samples | Meat | TOTALS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Parasitic Infestation* | | 3 | | 3 | | | | | 1 | | | | 7 |
| *Coccidiosis* | | | | | | | 4 | | | | | | 4 |
| *Trichomoniasis (Suspect)* | 6− | | | | | | | | | | | | 6 |
| *Mange* | 3− | | | 2 | | | | | | | | | 5 |
| *Neoplasms* | 6 | | 2 | | 20 | | | | | | | | 28 |
| *Leucemia* | 1 | | | | | | | | | | | | 1 |
| *Pasteurella Infection* | 9 | 7 | | 24 | | | | 1 | | | | | 41 |
| *Pasteurella with Streptococci* | | | | 17 | | | | | | | | | 17 |
| *Brucella Infection* | 5 | | | | | | | | | | | | 5 |
| *Necrophorous Infection* | 1 | | | 1 | | | | | | | | | 5 |
| *Salmonella Infection* | | | | 3 | | | 1 | | 1 | | | | 5 |
| *Streptococcal Infection* | | | | 2 | 1 | | | | | | | | 3 |
| *Staphylococcal Infection* | 1 | | | | | | | | | | | | 1 |
| *Colon Septicemia* | 9 | | | | | | | | | | | | 9 |
| *Tuberculosis* | 6 | | | | | | | | | | | | 6 |
| *Johne's Disease* | 2+<br>2− | | | | | | | | | | | | 4 |
| *Actinomycosis, Actinobacillosis* | 12 | | | | | | | | | | | | 12 |
| *Gas Gangrene (Cl. septique)* | 1 | 2 | 3 | | | | | | | | | | 6 |
| *Blackleg* | 6+<br>3− | | | | | | | | | | | | 9 |
| *Tetanus* | | 1 | | | | | | | | | | | 1 |

| Nature of Case | Cattle | Sheep | Horses | Swine | Dogs | Cats | Rabbits | Birds | Fox | Mink | Feed Samples | Meat | TOTALS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Erysipelas* | | | | 11 | | | | | | | | | 11 |
| *Influenza* | | | | 6 | | | | | | | | | 6 |
| *Pneumonia—acute lobar* | 6 | 1 | | 20 | | | | | 1 | 1 | | | 29 |
| *broncho-pneumonia* | 1 | | | 6 | | | | | | | | | 7 |
| *Distemper* | | | | | 5 | | | | | | | | 5 |
| *Metritis* | 2 | | | | | | | | | | | | 2 |
| *Mastitis* | 10 | | | | | | | | | | | | 10 |
| *Hepatitis—acute* | 1 | | | 1 | 2 | | | | | | | | 4 |
| *chronic* | 1 | | | | | | | | | | | | 1 |
| *Pericarditis* | 6 | | | | | | | | | | | | 6 |
| *Endocarditis* | 2 | | | 3 | | | | | | | | | 5 |
| *Gastritis and Enteritis* | | | | 23 | | | | | 1 | | | | 24 |
| *Kidney Diseases—* | | | | | | | | | | | | | |
| *Nephritis* | 4 | | | 4 | 3 | 2 | | | | | | | 13 |
| *Pulpy Kidney* | | 4 | | | | | | | | | | | 4 |
| *Hydronephrosis* | | 2 | | 1 | | | | | | | | | 3 |
| *Pyelonephritis* | 2 | | | | | | | | | | | | 2 |
| *Encephalomyelitis* | | | 2 | | 5+<br>7− | | | | | | | | 14 |
| *Vaginitis* | 13 | | | 1 | | | | | | | | | 14 |
| *Enteritis—acute* | 3 | 6 | 1 | 23 | | | | | | | | | 33 |
| *necrotic* | | | | 12 | | | | | | | | | 12 |
| *Peritonitis* | | | | 3 | | | | | | | | | 3 |
| *Abscesses* | 1 | | 1 | | | | | | | | | | 2 |
| *Swamp Fever (Suspect)* | | | 6− | | | | | | | | | | 6 |
| *Scours* | 3 | | | 10 | | | | | | | | | 13 |
| *Rape Poisoning* | 4 | | | | | | | | | | | | 4 |
| *Hemoglobinuria* | 4 | | | | | | | | | | | | 4 |
| *Food Poisoning, Botulism* | 1− | | 1− | | | | | | | | 2− | | 4 |
| *Deficiency Disease* | | 1 | | | | | | | | | | | 1 |
| *Stiff Lamb Disease* | | 1 | | | | | | | | | | | 1 |
| *Pregnancy Disease* | | 4 | | | | | | | | | | | 4 |
| *Eczema* | | | | 2 | | | | | | | | | 2 |
| *Blood Examination, Anemia* | | | 3 | 6 | | | | | | | | | 9 |
| *Pregnancy Tests* | | 2 | | | | | | | | | | | 2 |
| *Urine Analysis* | | | 2 | | | | | | | | | | 2 |
| *Phosphorous Determination* | 7 | | | | | | | | | | | | 7 |
| *Miscellaneous* | 8 | 2 | | 18 | 7 | | | | | | | 3 | 38 |
| | 152 | 36 | 21 | 202 | 50 | 2 | 5 | 1 | 4 | 1 | 2 | 3 | 479 |

+ = Positive diagnosis.

— = Negative diagnosis.

## Biological Laboratory Service

*Preparation and Distribution of Antigen:* 11,890 test doses of *Brucella abortus* antigen were distributed to veterinarians for the agglutination test for Bang's disease.

*Agglutination Tests:* During the year 56,144 blood samples were received to be submitted to the agglutination test for Bang's disease. Included in this number are samples from cattle intended for export or exhibition purposes, from cattle in herds under the calfhood vaccination plan, and from cattle in herds in prescribed areas. The results of these tests are shown in the following table:

| | Positive | Doubtful | Negative | Broken, Hemolysed or Otherwise Spoiled |
|---|---|---|---|---|
| *Routine Samples* | 4,051 | 1,591 | 22,378 | 147 |
| *Export or Exhibition Samples* | 119 | 89 | 4,409 | 1 |
| *Calfhood Vaccination Samples* | 3,630 | 836 | 7,744 | 29 |
| *Prescribed Area Samples* | 383 | 405 | 10,320 | 12 |
| *Totals* | 8,183 | 2,921 | 44,851 | 189 |

### Routine Examinations of Milk and Cream Samples

Routine tests were made on approximately 500 samples of milk and cream submitted to the laboratory from time to time. These tests included fat and total solids determinations, standard plate counts, coliform, methylene blue and resazurin reductase, phosphatase, and various mastitis tests.

### Poultry Laboratory Service

This consists chiefly in the routine examination of diseased poultry sent or brought to the laboratory. Most of the diseases remained at about the same level as the previous year. An exception was pullorum disease, which has shown a serious increase. A report of our work in connection with this is appended.

The number of specimens received during the past year, and the conditions found, are shown in the following list:

| Nature of Case | Number of Cases |
|---|---|
| *Adult Pullorum Infection* | 184 |
| *Ascites* | 5 |
| *Avian Diphtheria* | 14 |
| *Coccidiosis* | 294 |
| *Coryza and Roup* | 31 |
| *Enteritis* | 9 |
| *Enterohepatitis* | 58 |
| *Fowl Cholera* | 2 |
| *Laryngotracheitis* | 35 |
| *Leucosis* | 64 |
| *Pullorum Disease of Chicks* | 798 |
| *Tuberculosis* | 33 |
| *Other Infections* | 179 |
| *Internal Laying* | 14 |
| *Impaction (Crop, Proventriculus, Gizzard or Intestine)* | 19 |
| *Injuries* | 13 |
| *Nutritional Conditions* | 223 |
| *Prolapse* | 6 |
| *Ruptured Liver* | 20 |
| " *Oviduct* | 8 |
| *Tumours* | 50 |
| *Worms (Ascaridia)* | 38 |
| " *(Capillaria)* | 69 |
| " *(Large Tapes)* | 75 |
| " *(Minute Tapes)* | 81 |
| " *(Round and Tapes)* | 51 |

| | |
|---|---|
| *External Parasitism* | 16 |
| *No Evidence of Disease or Putrid* | 192 |
| *Total* | 2,591 |

### Students' Military Training

Under an arrangement with the Department of National Defence provision was made whereby students in the age groups eligible for military service were permitted to continue their studies at college and at the same time obtain part of their military training. The student body was therefore organized to form "B" Company of the Auxiliary Training Battalion. The Canadian Officers' Training Corps also provided an opportunity for students to qualify as Lieutenants in the Reserve Army during their college course.

During the year a large volume of correspondence has received attention, together with personal interviews with those seeking advice regarding their animals. The demand for veterinary extension, investigation and research work has noticeably increased. This is particularly evident in connection with the adoption of calf vaccination as an aid in the control of Bang's disease in cattle. With the increased demand for these services the entire staff has been exceedingly busy and have performed their duties faithfully. Efforts have been directed towards maintaining a high standard of efficiency and all expenditures have been carefully checked and kept at a minimum cost.

All of which is respectfully submitted.

C. D. McGILVRAY,
*Principal.*

Guelph, Ontario,
March 31st, 1942.

# CO-OPERATIVE PLANS FOR THE CONTROL OF BANG'S DISEASE

C. D. McGILVRAY and J. S. GLOVER

In co-operation with live stock breeders and practicing veterinarians the following plans are provided for the detection and control of Bang's disease.

Plan A—*Routine testing of individual herds.*
Plan B—*Supervised testing of herds in prescribed areas.*
Plan C—*Supervised calfhood vaccination.*

*Routine Testing of Individual Herds:* This plan is available for the blood testing of herds by veterinarians in general practice for their clients. The blood samples are submitted by the veterinarian and the blood tests are made by the College laboratory staff. Provision is also made for the official testing of cattle intended for export to the United States. The tests conducted under this plan during the current year were as follows:

| | | Negative | Positive | Doubtful |
|---|---|---|---|---|
| Number of Cattle—Routine tests | 28,020 = | 22,378 (80%) | 4,051 (14%) | 1,591 (6%) |
| " " " —Export tests | 4,617 = | 4,409 (95%) | 119 ( 3%) | 89 (2%) |
| Totals | 32,637 = | 26,787 (83%) | 4,170 (12%) | 1,680 (5%) |

*Supervised Testing of Herds in Prescribed Areas:* Under this plan where a group of ten or more owners occupying contiguous premises in a prescribed area submit a request to have their herds tested the College will arrange to have the work done under the supervision of a registered veterinarian. All of the cattle over twelve months of age are required to be tested and when the herd passes three or more negative tests such herds may then be transferred for check testing and listing under the Bang's disease control policy of the Health of Animals Branch. Reactors to the test must be immediately removed to an abattoir for slaughter or earmarked and kept segregated pending their ultimate slaughter. Under this plan nine areas have been established, as follows:

1. *Schomberg Area:* Includes 276 herds comprising 3,191 cattle.
2. *Northumberland Area:* Includes 186 herds comprising 2,805 cattle.
3. *Stormont Area:* Includes 54 herds comprising 970 cattle.
4. *Maxville Area:* Includes 43 herds comprising 1,066 cattle.
5. *Durham Area:* Includes 36 herds comprising 480 cattle.
6. *Carp Area:* Includes 25 herds comprising 500 cattle.
7. *Orono Area:* Includes 18 herds comprising 171 cattle.
8. *Almonte Area:* Includes 14 herds comprising 179 cattle.
9. *Brockville Area:* Includes 10 herds comprising 269 cattle.

## RESULTS OF TESTS IN PRESCRIBED AREAS

1. *Schomberg Area:*

| | | | | | | TOTAL |
|---|---|---|---|---|---|---|
| 1st Test—Negative | 2,776 (87%) | Positive | 202 (6%) | Doubtful | 213 (7%) = | 3,191 |
| 2nd Test—Negative | 1,601 (93%) | Positive | 41 (2%) | Doubtful | 72 (5%) = | 1,714 |
| 3rd Test—Negative | 924 (96%) | Positive | 12 (1%) | Doubtful | 29 (3%) = | 965 |
| 4th Test—Negative | 764 (87%) | Positive | 30 (4%) | Doubtful | 82 (9%) = | 876 |
| 5th Test—Negative | 273 (92%) | Positive | 15 (5%) | Doubtful | 8 (3%) = | 296 |

2. *Northumberland Area:*

| | | | | | | |
|---|---|---|---|---|---|---|
| 1st Test—Negative | 2,558 (91%) | Positive | 145 (5%) | Doubtful | 102 (4%) = | 2,805 |
| 2nd Test—Negative | 1,956 (93%) | Positive | 53 (2%) | Doubtful | 93 (5%) = | 2,102 |
| 3rd Test—Negative | 1,165 (94%) | Positive | 31 (2%) | Doubtful | 46 (4%) = | 1,242 |
| 4th Test—Negative | 410 (95%) | Positive | 6 (1%) | Doubtful | 17 (4%) = | 433 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 5th Test—Negative | 165 (93%) | Positive | 9 (5%) | Doubtful | 3 (2%) = | 177 |
| 6th Test—Negative | 16 (100%) | Positive | – (—) | Doubtful | – (—) = | 16 |

3. *Stormont Area:*

| | | | | | | |
|---|---|---|---|---|---|---|
| 1st Test—Negative | 927 (96%) | Positive | 32 (3%) | Doubtful | 11 (1%) = | 970 |
| 2nd Test—Negative | 187 (96%) | Positive | 1 (1%) | Doubtful | 7 (3%) = | 195 |
| 3rd Test—Negative | 204 (96%) | Positive | 3 (1%) | Doubtful | 5 (3%) = | 212 |
| 4th Test—Negative | 204 (98%) | Positive | 1 (1%) | Doubtful | 3 (1%) = | 208 |
| 5th Test—Negative | 22 (96%) | Positive | – (—) | Doubtful | 1 (4%) = | 23 |

4. *Maxville Area:*

| | | | | | | |
|---|---|---|---|---|---|---|
| 1st Test—Negative | 1,066 (94%) | Positive | 31 (2%) | Doubtful | 40 (4%) = | 1,137 |
| 2nd Test—Negative | 662 (98%) | Positive | 4 (1%) | Doubtful | 9 (1%) = | 675 |
| 3rd Test—Negative | 114 (99%) | Positive | – (—) | Doubtful | 1 (1%) = | 115 |

5. *Durham Area:*

| | | | | | | |
|---|---|---|---|---|---|---|
| 1st Test—Negative | 428 (89%) | Positive | 27 (6%) | Doubtful | 25 (5%) = | 480 |
| 2nd Test—Negative | 163 (91%) | Positive | 3 (6%) | Doubtful | 14 (7%) = | 180 |
| 3rd Test—Negative | 98 (94%) | Positive | 2 (2%) | Doubtful | 4 (4%) = | 104 |
| 4th Test—Negative | 33 (99%) | Positive | – (—) | Doubtful | 4 (1%) = | 37 |

6. *Carp Area:*

| | | | | | | |
|---|---|---|---|---|---|---|
| 1st Test—Negative | 500 (94%) | Positive | 19 (4%) | Doubtful | 16 (2%) = | 535 |
| 2nd Test—Negative | 394 (98%) | Positive | 4 (1%) | Doubtful | 6 (1%) = | 404 |
| 3rd Test—Negative | 31 (86%) | Positive | 2 (8%) | Doubtful | 3 (6%) = | 36 |

7. *Orono Area:*

| | | | | | | |
|---|---|---|---|---|---|---|
| 1st Test—Negative | 148 (87%) | Positive | 18 (10%) | Doubtful | 5 (3%) = | 171 |
| 2nd Test—Negative | 87 (100%) | Positive | – (—) | Doubtful | – (—) = | 87 |

8. *Almonte Area:*

| | | | | | | |
|---|---|---|---|---|---|---|
| 1st Test—Negative | 173 (97%) | Positive | 4 (2%) | Doubtful | 2 (1%) = | 179 |
| 2nd Test—Negative | 137 (98%) | Positive | 2 (1%) | Doubtful | 1 (1%) = | 140 |
| 3rd Test—Negative | 153 (96%) | Positive | 4 (3%) | Doubtful | 2 (1%) = | 159 |
| 4th Test—Negative | 89 (98%) | Positive | 1 (2%) | Doubtful | – (—) = | 90 |
| 5th Test—Negative | 44 (96%) | Positive | – (—) | Doubtful | 2 (4%) = | 46 |

9. *Brockville Area:*

| | | | | | | |
|---|---|---|---|---|---|---|
| 1st Test—Negative | 269 (87%) | Positive | 21 (7%) | Doubtful | 19 (6%) = | 309 |
| 2nd Test—Negative | 163 (100%) | Positive | – (—) | Doubtful | – (—) = | 163 |
| Grand Total | | | | | | 20,472 |

## RECAPITULATION

| | |
|---|---|
| Number of Cattle Tested | 20,472 |
| " " " Negative | 18,904—92% |
| " " " Positive | 723— 3% |
| " " " Doubtful | 845— 5% |

## SUPERVISED CALFHOOD VACCINATION

For the purpose of furthering supervised calfhood vaccination against Bang's disease (Contagious Abortion), the Department of Agriculture, through the Ontario Veterinary College, will co-operate with owners and veterinarians under the following terms:

1. The College reserves the right to select or limit the number of herds that may be accepted for supervised calfhood vaccination in keeping with the facilities and help available.
2. Calfhood vaccination is essentially intended for the treatment of calves between the age of four and eight months, as an aid in increasing their resistance against natural infection.

3. The vaccine recommended is known as Cotton's No. 19 Strain (*Brucella abortus* of low virulence) and will be supplied only to registered graduate veterinarians.
4. Application must be made for the vaccine on a form supplied for that purpose by the College to the owner of the calves and his veterinarian.
5. In the case of pure-bred calves the owner must furnish a definite means of identification of the vaccinated calves by the tattoo ear number or the registration certificate number.
6. The College will furnish the vaccine to the veterinarian free of charge on the distinct understanding that he will certify as to the vaccination of the calves immediately on a form supplied for that purpose so that a record may be kept for their identification as may be required.
7. The veterinarian's charges for administering the vaccine must be borne by the owner and not by the College.
8. The vaccinated calves must be tested promptly in 30 days' time to determine if the vaccination has produced positive results. This 30-day test of the vaccinated calves is compulsory and must be adhered to in all cases. Half of the veterinarian's charges for this test will be paid by the College and the other half is to be paid by the owner on the basis of 30 cents for each calf tested plus ten cents per mile car mileage to and from the owner's premises. Calves remaining negative to the 30-day test should be re-vaccinated, and additional vaccine will be furnished the veterinarian for their vaccination as may be required.
9. The College will, in addition, furnish the veterinarian with the necessary test charts, the sterilized vials for the blood samples, and make the required agglutination blood tests free of charge.
10. The cost or expense of any additional blood tests or extra visits of the attending veterinarian must be borne entirely by the owner of the herd and not by the College.
11. The owner and the veterinarian will be expected to furnish a report as to the results of the vaccination from time to time as may be desired.
12. The above arrangement is subject to change as circumstances may warrant from time to time.

*Recapitulation:* Under this plan the owners of 490 herds have adopted supervised calfhood vaccination and a total of 5,691 calves have been vaccinated and check tested in 30 days' time. Any calves proving negative to the 30-day test were re-vaccinated. A certificate of identification is also required for the vaccinated calves, signed by the owner and the veterinarian administering the vaccine.

## DISEASES OF SWINE

FRANK W. SCHOFIELD *and* C. E. PHILLIPS

The diagnosis of diseases affecting swine forms by far the greater part of the work undertaken in the Department of Bacteriology and Pathology. In the majority of cases, the dead or sick pig is brought to the College by the farmer, who has been directed here by his veterinarian. During the past year post-mortem examinations have been made, and in approximately 90% of the cases a further bacteriological study in the laboratory has been necessary. Microscopical sections of the diseased tissues are frequently prepared.

The following are the most important diseases which have been studied.

### GASTRO-ENTERITIS

A great many cases showing pronounced gastro-enteritis are seen at post-mortem. In the majority of cases the inflammation is of such severity as to warrant the designation "Hemorrhagic enteritis". Although thorough bacteriological examinations are made, yet in most cases no satisfactory results are obtained. In nursing pigs the condition may be caused by virulent colon organisms, but the majority of cases occur in half-grown pigs, where on failing to isolate any pathogenic organism diatetic error leading to gastro-intestinal derangement is suspected.

### SALMONELLA INFECTION

Two interesting outbreaks of salmonella infection have been dealt with, which are briefly summarized.

*Port Elgin Outbreak*

The affected swine were half-grown pigs in good condition. The first symptoms were inappetance and diarrhoea. There was rapid loss of flesh, and the pigs within a few days became weak and staggered when walking. The skin on the belly, thighs and ears became highly injected before death. There were numerous petechial hemorrhages present in the skin.

*Post-mortem:* The *spleen* was almost twice the normal size, the pulp was dark and hemorrhagic. The *kidneys* showed a few tiny petechiae. The *urinary bladder* was congested with a few punctate hemorrhages. The *stomach* and *small intestine* were normal. The *ilio-cecal valve* was inflamed and ulcerated. The *cecum* was inflamed, and ulcers present. The *lungs* showed consolidation of the anterior and medium lobes, which were grayish-pink in colour. The *bronchii* contained a purulent exudate. All the lymph glands were swollen, congested and oedematous. Cultures made from the spleen, lung and intestine all yielded a heavy growth of *S. choleræ suis*.

*Treatment:* A bacterin was prepared and administered, while all of the affected animals and pen-contacts were given the "Salt-Buttermilk" treatment. The results were highly favourable. Thorough daily cleaning and liming of the pens was insisted upon.

*Elmira Outbreak*

The outbreak occurred in a group of eighty pigs which had recently been purchased and placed in a piggery of seven hundred swine. The average weight of the affected pigs would be about 90 pounds. The onset of the disease was sudden, several pigs being attacked simultaneously and dying within a day or two. A number of the pigs were affected with diarrhoea and inappetence.

*Post-mortem:* The *spleen* was greatly enlarged and the pulp very dark in colour. The *stomach* and *small intestine* were acutely inflamed. The mucous membrane of the *urinary bladder* was congested. The *kidney* showed a few tiny petechiae. The *gall bladder* was studded with well-marked hemorrhages. The *lungs* were acutely inflamed, there being marked congestion and oedema. Cultures made from the *lungs* yielded *P. suiseptica* in pure culture. Similar cultures from the *spleen* were heavy with an organism which type *S. choleræ suis*. Being suspicious of hog cholera, a white blood-cell count was made, which showed marked leucocytosis in two cases and slight leucopenia in one.

*Treatment:* The necessity of thorough sanitation and isolation was emphasized. A mixed autogenous vaccine was used which contained equal parts of *P. suiseptica* and *S. choleræ suis*. All of the sick pigs as well as the immediate contacts were given the "Salt-Buttermilk" treatment. The results were good. Out of the eighty pigs approximately thirty became sick, with a mortality of 20%.

NOTE: It is of unusual interest that in each of the three pigs which were examined at post-mortem the lesions were very similar, while the bacteriological findings were identical. The lungs showed the characteristic picture of acute hemorrhagic septicemia infection. Diffuse acute congestion, accompanied by marked oedema. The salmonella infection was most likely primary, and the acute lung infection a secondary condition.

## SWINE ERYSIPELAS

Swine erysipelas continues to be one of the most serious diseases affecting swine in the province. While the acute, sub-acute and chronic forms are all encountered, the most prevalent is the sub-acute form which causes poly-arthritis. The history is the same in most cases of pigs, usually soon after weaning, "going stiff". In most cases the majority of the pigs in the litter are attacked. A few may recover spontaneously, but some remain permanently crippled. The loss to the farmer is serious as the affected pigs usually lose weight, or gain very slowly.

*Symptoms:* The affected pigs tend to lie down most of the time, or if forced to walk may do so with a characteristic stilted gait, walking on their toes, or should the upper joints be diseased they may be seen walking on the knees. Some of the joints are noticed to be swollen and painful. When handled, the pig usually evinces marked pain. The appetite is fairly good but in severe cases the pigs will not walk to the trough, only eating when food is placed beside them. The rapid agglutination test has been found most helpful as an aid in diagnosis.

*Treatment:* Anti-swine erysipelas serum gives remarkably good results if given early in the course of the disease. Several injections are usually necessary. In animals that have been sick for weeks or even a month, large and repeated doses usually result in marked improvement.

*Prophylactic Treatment:* On farms where the disease persists from year to year, excellent results have been obtained by inoculating the young pigs with anti-swine erysipelas serum during the first week or ten days after birth.

*Unsolved Problems:* In a number of outbreaks which have come to our attention, it has been impossible to account for the introduction of the infection to the herd. In several cases there has been, as far as could be ascertained, no contact with other swine for long periods of time. Where contact has occurred there was frequently no evidence of infection in the herd contacted. Another peculiarity is the way in which the different types of the disease tend to occur and remain as disease entities. For example, in most instances the acute form is manifested as such and no cases of the sub-acute or chronic form occur, following the acute outbreak. Likewise, on other farms the chronic type alone occurs.

### HEMORRHAGIC SEPTICEMIA

Fewer cases of this disease have been seen during the past year. A few outbreaks of acute respiratory infection, characterized by lobar pneumonia, and marked oedema of the lung, have been seen, from which *P. suiseptica* has been isolated. The organism is frequently isolated from chronic cases of pneumonia. As previously recorded, under Salmonella Infection, the suiseptica was isolated in pure culture from the acutely inflamed lung tissue.

### MISCELLANEOUS DISEASES

*Differential Diagnosis of Hog Cholera:* As mentioned in previous reports, the presence of leucopenia in hog cholera and its absence in the other acute infections of swine is of great value in detecting this disease. Where doubt exists, a white cell count should always be made. At post-mortem we not infrequently find petechial hemorrhage of the kidney, petechiae in the urinary bladder with other lesions which closely resemble those of hog cholera.

*Eczema:* This condition almost always occurs in nursing pigs. It is characterized by a greasy, moist condition of the skin, especially on the legs and nose. Dust and dirt rapidly accumulates on the moist skin so that the affected animals appear to be unusually dirty. It is apparently a food eczema, and due to the presence of some allergic substance in the food and milk of the mother.

### THE SALT TREATMENT

The use of large quantities of sodium chloride in conjunction with buttermilk, or soaked into whole oats, which has been advocated by several as a treatment for acute and sub-acute enteritis in swine, has given good results.

## VITAMIN "A" ASSAYS OF THE MILK OF NURSING SOWS

F. W. SCHOFIELD, R. T. INGLE and W. D. McFARLANE

In connection with the routine post-mortem examination of swine it was noticed that, not infrequently, very heavy losses had occurred among baby pigs when the ration being fed to the brood sows was of poor quality. For example, in some cases, the ration consisted of nothing more than oat chop and water. The fact that the mortality was very high, sometimes 100% during the first day or two, indicated that the piglets were born with little or no protection against infection. This assumption was further substantiated by the nature of the infection, hemolytic streptococci and *E. coli* being the chief invaders.

As vitamin "A" in both man and some of the lower animals is known to promote resistance to bacterial infection, we decided to make assays of this vitamin in the milk of the sow to discover whether it was present in quantities sufficient to protect against infection.

As far as we know, this is the first attempt which has been made to make such an assay on the milk of the sow. The only statement that can be made at present is that a marked difference exists in the vitamin "A" content of the milk and that in some instances the quantity of vitamin "A" is extremely low. We have not demonstrated any direct relationship between low vitamin "A" and infection. This would require the examination of a great many more samples and elaborate experiments which we are at present unable to undertake. It is, however, most reasonable to suppose that where there is a marked deficiency in vitamin "A" there is also a serious defect in the defensive mechanism against disease.

## METHOD OF OBTAINING THE SAMPLE OF MILK

It is a difficult procedure to obtain a satisfactory sample of milk from most sows. There is no particular technique which may be successfully followed in all cases. In fact, we found it quite impossible to obtain samples from the majority of sows. The owner or person taking care of the sow is far more likely to be successful in securing the milk than a stranger. Probably the best method of dealing with the sow is to turn her out of the pen into a yard for an hour or two prior to taking the sample. Then on the return to the pen, when the sow is lying quietly and nursing the young, seems to be the best time to obtain the milk. Only a very small quantity can be obtained from each teat, but if the sow can be kept quiet, the teats may be stripped many times until the sample is obtained. At least 50 ccs. is required for the test. As the samples had to be shipped to a distant point, they were placed in a thermos bottle and packed with ice. The colostrum contains a higher concentration of vitamin "A" compared with the milk of later lactation.

## DISCUSSION

Although only a few samples of sow's milk have been assayed for vitamin "A", it is quite evident from a study of the table that very low levels of "A" may occur. It will be noticed that most of these samples were from sows receiving faulty rations, yet such rations are by no means uncommon. It is highly probable that the majority of the rations fed during the winter months are deficient in vitamin "A".

One of the most difficult problems that the swine breeder has to contend with is the successful raising of winter litters. The heavy mortality is largely due to infection either respiratory or intestinal, or in many cases a combination of both. Any deficiency in such an essential prophylactic agent as vitamin "A" is a serious matter, decreasing the resistance of the baby pigs to infection and thereby contributing to the hazards of raising winter litters.

In the case of Hanlon No. 2, there is an unaccountable rise in the vitamin content of the milk from week to week. It may have been related to the fact that out of the large litter of seventeen pigs all except one died during the first few days. The rapid rise of vitamin "A" in the milk with the addition of haliver oil to the feed is well illustrated in sows No. 1 and No. 2 (Hanlon).

We would strongly advocate the addition of cod liver oil to the ration of sows during the gestation period. The quantity would have to be determined by the kind of rations being fed. Even in the best commercial feeds it is doubtful whether the vitamin "A" content is adequate to give the necessary protection. As an arbitrary estimate, we would suggest the equivalent of from twenty to thirty thousand units of vitamin "A" per diem.

## DATA RELATING TO SOWS FROM WHICH SAMPLES OF MILK WERE ASSAYED FOR VITAMIN "A"

| Name of Owner | Designation of Sow | Date of Farrowing | Date of Sampling | Days Milking | Units of Vitamin A International Units | Ration | History of Litter | Remarks |
|---|---|---|---|---|---|---|---|---|
| Hanlon | York No. 1 | Mar. 29th | Apr. 3rd<br>Apr. 11th<br>Apr. 18th<br>Apr. 25th<br>May 1st | 5 days<br>13 days<br>20 days<br>27 days<br>33 days | 64.5<br>30.6<br>35.4<br>58.5<br>105.5 | Oat and barley chop and mangels. | Lost 9 out of 12 pigs during first few days. | April 18, 30,000 units of vitamin A per diem given to the sow |
| Hanlon | York No. 2 | Apr. 24th | Apr. 24th<br>May 1st<br>May 8th | 12 hours<br>7 days<br>14 days | 73.2<br>150<br>156 | Oat and barley chop and mangels. | Farrowed 17 pigs. All but two died during the first 48 hours. | May 1st, only one pig alive. |
| Hanlon | York No. 3 | May 3rd | May 3rd<br>May 10th<br>May 17th | 18 hours<br>8 days<br>15 days | 97.5<br>340<br>425 | Oat and barley chop and mangels. | Seven pigs farrowed, four died. | Sow given 30,000 units of vitamin A daily. |
| Hanlon | York No. 4 | May 7th | May 7th | 12 hours | 42.8 | Oat and barley chop and mangels. | | Only one sample taken. |
| Crowe | York sow | Mar. 30th | Apr. 8th | 9 days | 27.4 | Oat and barley chop and mangels. | 13 pigs farrowed, 9 died within 48 hours of birth. Hemolytic Streptococcus infection. | Two other sows farrowing at about the same time lost all their pigs within 48 hours of birth. |
| Martin | York sow No. 1 | Apr. 7th | Apr. 19th | 12 days | 90 | | Nine in the litter, 5 died from overdose of reduced iron. | |
| Martin | York sow No. 2 | Apr. 7th | Apr. 19th | 12 days | 24 | | Nine in the litter. All remained well. | |
| McDonald College | No. 142 | May 14th | May 14th | 18 hours | 571 | | | 30,000 units of vitamin A per diem during pregnancy. |
| McDonald College | No. 132 | May 14th | May 14th | Sample taken during farrowing | 850 | | | 30,000 units of vitamin A per diem during pregnancy. |
| *Baumerman | No. 1<br>No. 2 | | May 3rd<br>May 3rd | | 21.7<br>20.4 | | | Samples of milk from cows which had given birth to calves which were affected with "white scours". |

*Samples of milk from cows; the calves were affected with white scours.

For some time we have been advocating the dosing of piglets with haliver oil at the same time that the iron is administered to prevent anemia.

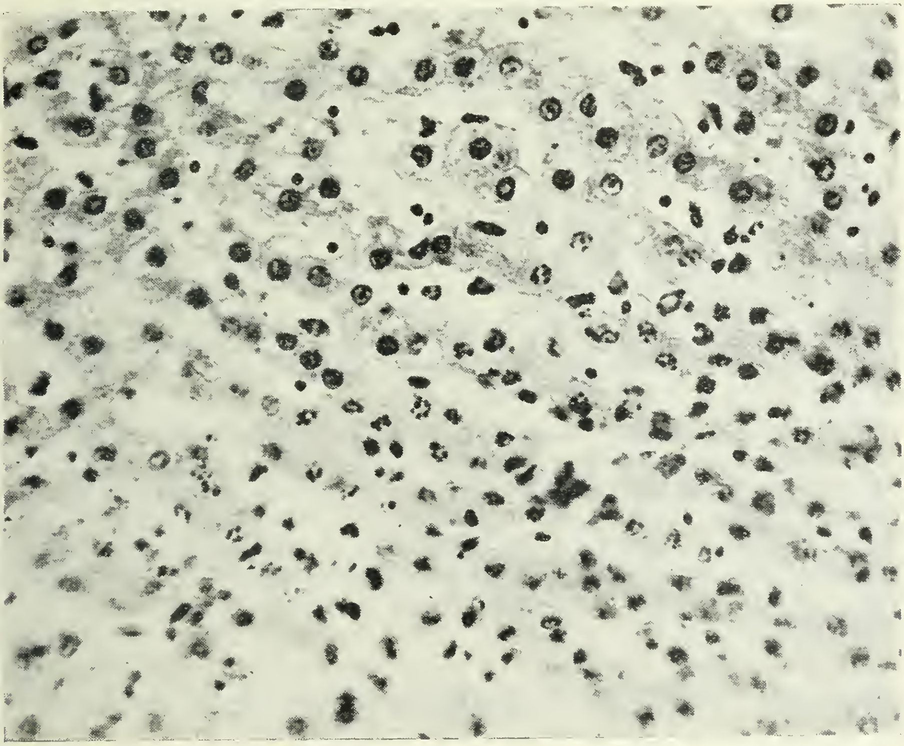
### CONCLUSIONS

1. That the milk of the sow may be seriously deficient in vitamin "A".
2. That such a deficiency may be an important factor in increasing the susceptibility of the nursing pigs to infection.
3. That an ample quantity of vitamin "A" should be present in the ration of the pregnant sow. Cod liver oil should be used as a supplement when the vitamin "A" content in the ration is likely to be deficient.

## FATAL HEMORRHAGE FOLLOWING THE FEEDING OF MOULDY SWEET CLOVER

F. W. SCHOFIELD

Quite recently, and following upon years of painstaking research, Campbell and Link have isolated in pure form the hemorrhagic agent in mouldy sweet clover. This substance, "dicoumarin", is now being used in human medicine in the prevention of thrombosis. Dicoumarin causes a decrease in the prothrombine content of the blood resulting in delayed clotting.



**Damage to liver cells, caused by the feeding of mouldy sweet clover**

*History:* In the cases here reported a group of young cattle had been fed sweet clover hay for a period of two weeks, when three of the males were castrated. The operation was performed late in the afternoon, and the animals were not observed until early on the following day. To his surprise, the owner discovered the three animals which had been castrated were lying dead in the pen. They had apparently been dead for some time.

Post-mortem examination revealed the presence of extensive hemorrhage from the spermatic vessels.

*Liver Damage:* As well as causing an alteration in the clotting time of the blood, mouldy sweet clover causes severe damage to the hepatic cells. This, I believe, has not been noticed in animals other than cattle. In this case the liver examined was paler than normal, and slightly more friable. Stained sections of the tissue revealed numerous areas of severe damage. There was cloudy swelling of the cells with pyknosis and karyorrhexis of the nuclei, accompanied in some areas by fatty degeneration. This effect upon the liver may not be due to the dicoumarin, but result from the toxic effect of some other harmful substance in the damaged clover.

As in many other cases, the owner stated that the hay appeared to be of good quality.

*Reference:* Campbell, H. A., and Link, K. P.: J. Biol. Chem., 1941, 138:21.

## MALIGNANT OEDEMA

F. W. SCHOFIELD

*Cl. septique Infection in Sheep:* During the last few years, on three different occasions, a very characteristic lesion has been observed in the carcasses of sheep which have been brought to the College for post-mortem examination. While the lesion resembles that of "Black-Leg", little or no gas is present, and *Cl. chauvei* has not been isolated.

*History of the Outbreaks:* Two of the most extensive outbreaks occurred during the Fall months. In one flock, seven out of eighty sheep succumbed, in another about 5%. Few of the affected animals recovered. The disease is of short duration, usually from twenty-four to thirty-six hours. No characteristic symptoms have been reported; the affected animals seem to be suffering from a most acute disease. (The above statement is compiled from information obtained from the owners, no sick animals have been observed by us.)

*Post-Mortem Examination:* Three animals have been autopsied, and in each case there was an extensive sero-sanguinous exudate in the subcutaneous tissue in the inferior cervical region, extending from the intermaxillary space to the pectoral muscles. This hemorrhagic oedema penetrated but slightly the contiguous muscles. A few scattered patches of exudate may be present in the subcutaneous tissue of the shoulder. The *lungs* were congested; the *small intestine* showed many areas of acute inflammation.

*Bacteriological Findings: Cl. septique* was isolated in almost pure culture from the oedematous lesion in one case, and as the predominant organism, in a mixed culture from the two other cases.

*Prophylactic Treatment:* A chemically killed culture of *Cl. septique* was prepared and the remaining healthy sheep vaccinated. As there were no controls, and the outbreaks were past the peak, it is impossible to make any statement as to the efficacy of the treatment.

NOTE: The disease here described does not resemble "Braxy" which is also due to *Cl. septique.*

*Cl. septique Infection in Horses:* Isolated cases of malignant oedema in horses are not uncommon in certain areas of the province, while in other localities the disease is rarely seen.

*History:* CASE I—The first case occurred in a young mare which, with other horses, had been stabled all winter. The left hind leg was greatly swollen, hot and painful. The swelling rapidly extended up to the thigh. A diagnosis of lymphangitis was made. Within twenty-four hours constititional symptoms were unusually severe and the diagnosis was changed to "malignant oedema". The mare died on the third day. Cultures made from the diseased tissue gave an almost pure culture of *Cl. septique.*

CASE II—Within a few days, a second mare standing in the same stable showed similar symptoms of acute inflammation with great swelling of the tissues in the region of the thigh and hock. This case was treated with maximum doses of sulphanilamide for three days. The swelling slowly subsided and she made a good recovery.

CASE III—A recently freshened cow in the same barn with retained placenta became infected, and died. The infection was apparently transmitted by the attendant who admitted that after bathing the inflamed leg of the horse he attempted to remove the afterbirth from the cow. Gas gangrene involving the vagina, uterus and adjacent tissues followed which had a rapid and fatal termination.

*Prophylactic Vaccination:* A chemically killed culture was prepared from the organism isolated and all of the animals in the stable inoculated.

## MISCELLANEOUS CASES OF INTEREST

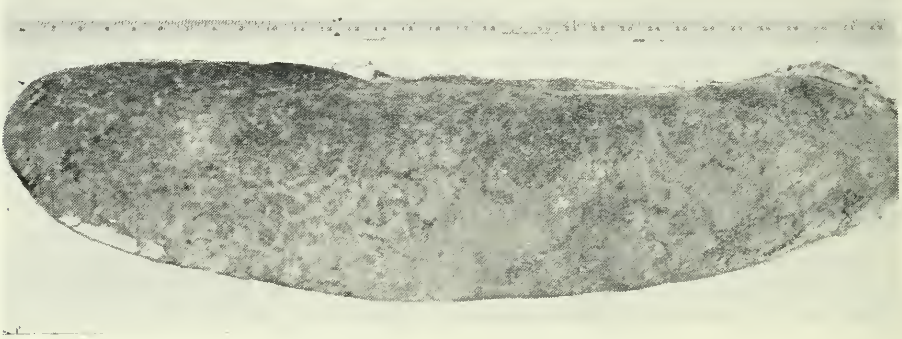
*Pulpy Kidney in Sheep:* Every year a few cases of "pulpy kidney" disease are discovered at post-mortem. The dark red pulpy kidney has a very characteristic appearance. The disease undoubtedly occurs with greater frequency than is at present recognized. Lambs are more susceptible than older sheep and in most cases the feed has been lush grass, kale or rape. Unless a post-mortem examination is made and the kidneys carefully examined the cause of death remains a mystery and is usually attributed to hemorrhagic septicemia. The disease is due to the heavy proliferation of *Cl. ovitoxicus* in the small intestine with elaboration of a toxin which causes a specific necrosis of the kidney.

*Johne's Disease:* It is most important to remember that "chronic diarrhoea" may not accompany infection with *M. paratuberculosis.* In one instance, five cows died during a period of seven years with what was undoubtedly Johne's Disease, but due to the fact that diarrhoea was either absent or not a prominent symptom, the nature of the disease was not recognized. Finally, the herd was tested with avian tuberculin, which disclosed several reactors, two of which were animals that had been suffering from the "obscure disease" for many months.

A recent case reported by S. H. Davidson, V.S., Barrie, Ontario, offers an excellent illustration. The cow in question had been unthrifty for almost two years. She had become much worse during the later months of the last two pregnancies. There had never been persistent diarrhoea.

Due to her weak condition following the last pregnancy she was slaughtered. The only lesion at post-mortem was the corrugation of the mucous membrane of the colon and the oedema of the regional lymph nodes. Scrapings of the mucous membrane when stained showed the presence of typical clusters of small acid-fast rods.

*Spleno-Medullary Leukemia:* The enormous spleen shown below was received from an abattoir unaccompanied by any history. The length was thirty-three inches and the weight a little more than eight pounds. Section showed the presence of large numbers of cells having the appearance of myelocytes.



**Spleen: Spleno-medullary Leukemia**

## REPORT OF THE CLINICAL DEPARTMENT

### R. A. McIntosh

The duties of this department consists chiefly of clinical diagnosis and the application of the practice of animal surgery and veterinary medicine. During the course of the year and particularly in the academic portion of it, many cases in all species of farm animals and pet stock are submitted to the clinic. Apart from this, considerable numbers of post-mortem examinations are made, and some field and extension work are done.

### Horse Diseases

In this species, the cases submitted are largely surgical in character. Poll evil, fistulous withers and laryngeal hemiplegia are common cases. Other conditions affecting horses frequently brought in for operation are hernias, cryptorchidism, lameness and dental cases. Skin affections, both parasitic and otherwise, are observed often in patients brought in for other purposes. These occur because of a lack of grooming, improper care, and management. The same criticism of neglect may be applied to the care of horses' feet for quite often gross deformities of the hoof, canker, and lameness, resulting from them, are seen.

### Cattle Diseases

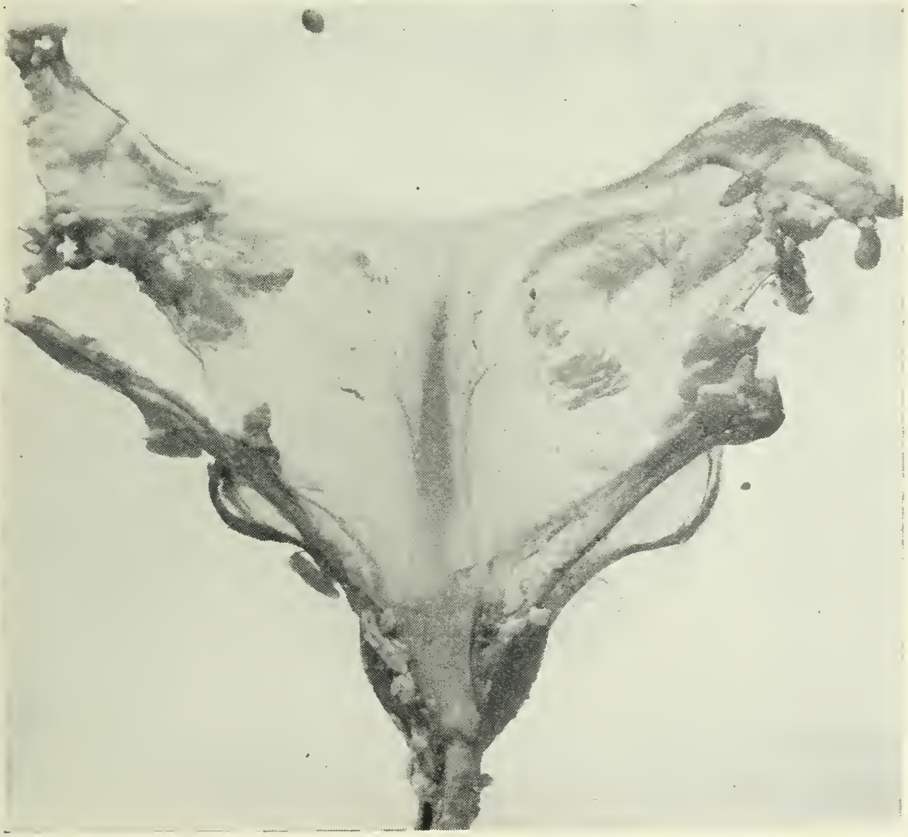
In cattle, the majority of cases submitted are of an unusual character and in some instances difficult to handle successfully. The predominate cases are those in which some condition is interfering with reproduction in both the female and male. Quite often calf cases are brought in representative of some herd affection.

The cases of sterility are many and varied in character. They range from those in virgin heifers in which congenital aberrations and deformities of the genital tract have occurred to those resulting in pathological changes in the reproductive organs and functional disturbances. As examples of these, the following are reported.

### ASEXUALITY

The subject was a pure-bred Holstein heifer of good breeding and dairy heifer conformation. She was purchased with the intention of breeding her at sexual maturity. When she attained sufficient age and development to be bred a close watch was kept for the occurrence of oestrum. However, she never manifested heat, although she was kept under observation for this purpose for a period of six months. She was submitted to the clinic on March 10th, 1942.

In her general appearance she was somewhat coarse and her horns were not effeminate in outline. The external genitals were normal. However, the internal examination revealed a discontinuance of the genital tract at the vulvo-vaginal juncture. By rectal manipulation, no genital



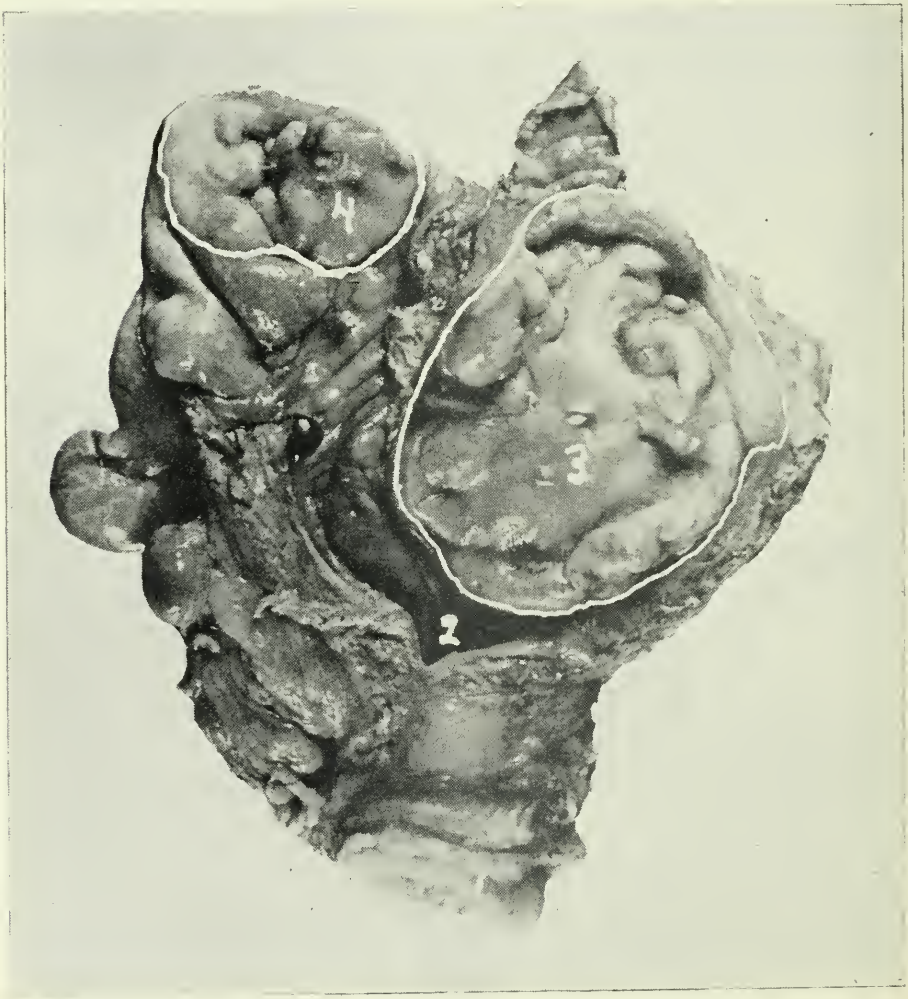
**Asexuality in a Heifer**
**Spread of the broad ligament—No reproductive organs discernable**

organs could be found. The fold of the broad ligament could be picked up, but apart from that there was not a vestige of any of the female genital organs. The accompanying print shows the spread of the broad ligament devoid of any organs.

Much the same aberrations are observed in the neuter or free martin, but on inquiring of the owner it was learned that this heifer (according to her registration) was a single calf. The neuter is usually the female of twins, the other member of which is a male.

### Sterility Due to Malignant Tumor

This was a Holstein cow about seven years old. She gave birth to her first calf in May 1937, and subsequently conceived and produced a calf each year until September 1940, at which time she farrowed her last



**Lymphosarcoma—Cow's Uterus**
1. Vaginal extremity of the cervix. 2. Cavity of the uterine body. 3. Large tumor in the right cornua. 4. Smaller tumor in the left cornua.

calf. Following this she was not bred until May 1941. Subsequently, she manifested symptoms of nymphomania with extreme perversion of sexual appetite. Her vulva was enormously swollen at times.

She was examined on June 24th, at which time it was observed that the external genitals were swollen, there was some cervicitis, both ovaries were cystic and palpation of the uterus revealed a hard, flattened, tumor-like mass in the right cornua. A second examination was made July 10th and again the tumor mass was felt and apparently was increasing in size. She was kept under observation for a further period of time during which a recurrence of nymphomania was evinced. On September 8th a third examination was made and the tumor had greatly increased in size. Furthermore, a second tumor farther forward in the left cornua was determined. As her case was hopeless, she was slaughtered and a post-mortem examination made.

In the wall of the right cornua of the uterus a large disc-shaped tumor about eight inches in diameter was found. It was almost saucer-shaped, the edges being somewhat scalloped. A smaller growth of a similar character was found in the left cornua and furthermore a number of still smaller growths were appearing at the sites of the areas in the endometrium where the cotyledons develop.

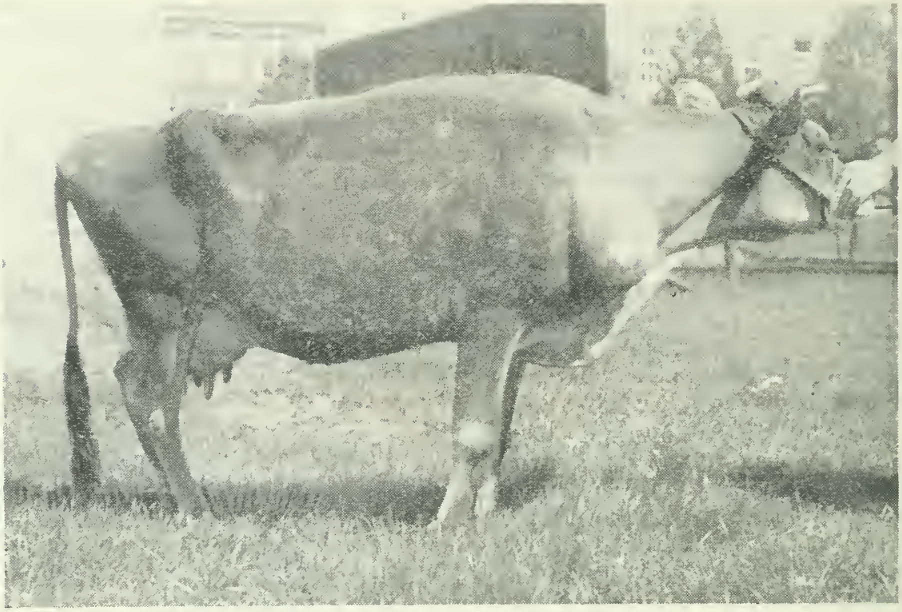
The specimen was kept and portions of it taken for section. The pathological department diagnosed the tumor as a lymphosarcoma.

## Leukemia in a Cow

Leukemia is defined as being a fatal disease in which there is a marked increase in the number of leucocytes in the blood, together with an enlargement and proliferation of the lymphoid tissue of the spleen, lymphatic glands and bone marrow. In clinical cases, every lymph node in the body is enlarged. The disease is attended with progressive anemia and increasing exhaustion.

In animals, the disease is sometimes spoken of as pseudoleukemia. Lymphoblastoma and lymphocytoma are other terms applied to it. It is a condition in which there is a definite neoplastic disturbance of the blood-forming tissues, thus the tumefaction of the lymph glands. It has been determined also that in some instances there is no increase in the number of leucocytes and the condition is then referred to as an aleukemic lymphocytoma.

The illustration included in this report pictures a case of this nature in an imported Jersey cow. The owner first noticed swellings in the prescapular lymph glands. Later breathing became difficult. This latter symptom gradually increased and interference with swallowing was observed also. The laryngeal region was somewhat tumified, but not as marked as the prescapular region. The supra mammary lymph glands were involved also. Ultimately the patient became so exhausted and weak as to be unable to rise. She was destroyed and a post-mortem examination made.



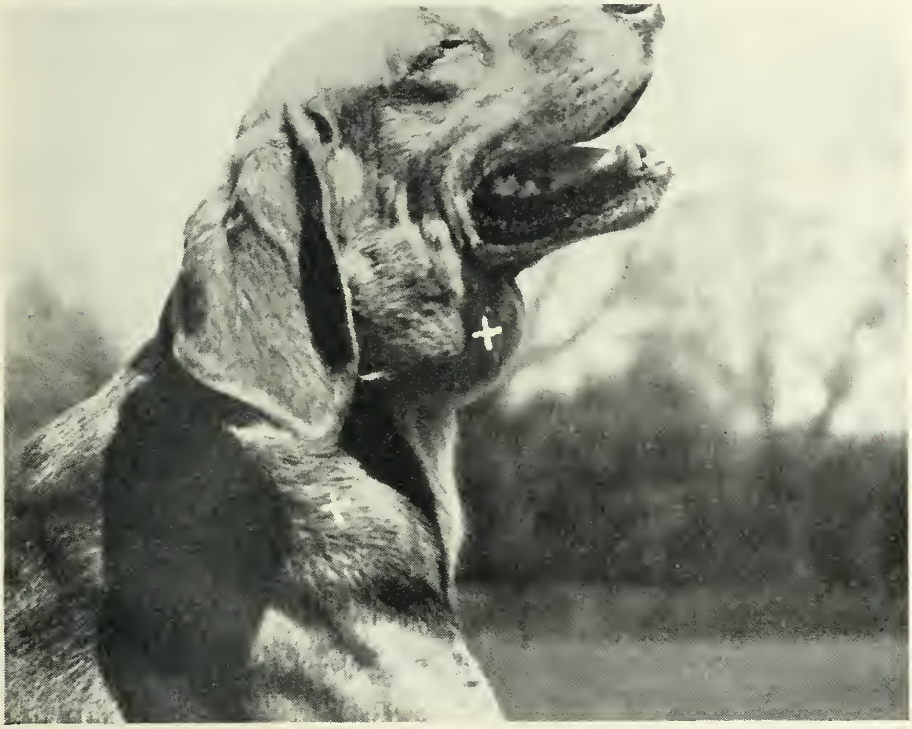
**A Tumoric Lymphosarcoma Cow**
**Greatly tumified prescapular lymph gland**

As is evident in print, the prescapular lymph glands were enormously enlarged. There were also numerous apparently metastatic growths in the folds of the mesentery apart from the mesenteric lymph glands. The difficult breathing and interference with swallowing were due to pressure by the growth of lymph nodes on either side of the larynx. Specimens of the glands were kept for section and a heifer was injected intravenously with a suspension of the gland material to determine whether the condition could be reproduced in a healthy animal. This case was evidently one of the aleukemic types for a blood count did not reveal any increase in the number of white blood cells. An unusual number of monocytes were noticed in the smear.

## Leukemia in a Dog

The subject of this report was a hunting dog of the foxhound breed. Swelling first occurred in the region of the larynx laterally. Exploratory punctures were made, but no exudate was found. Iodine applications were recommended and temporary improvement obtained. Later the swelling re-appeared and the enlargement on one side of the neck broke down and discharged. It was freely opened and topical treatment applied. The wound soon healed, but again the swellings recurred and other lymph glands became tumified. The prescapular and inguinal groups being quite enlarged. The patient became dull and listless, although at times he seemed bright and was keen enough to hunt. This was a true leukemia for a blood count revealed an increase in the white blood cells.

At a later date this dog was humanely destroyed and in the post-mortem examination it was found that all of the lymph glands, both body and visceral, were undergoing tumefaction. In addition the spleen had become enormously enlarged, stretching from its normal location back as far as the pelvic inlet. A blood count at this time revealed an enormous increase in the white blood cells (100,000) and the case was considered a typical spleno-medullary leukemia.



**Leukemic Dog**
**Tumified submaxillary and prescapular lymph glands**

### MASTITIS IN COWS

The subject of mastitis still occupies an important place in the problems confronting Veterinary Science. In the last few years, the intramammary injection of agents capable of destroying bacteria has been applied somewhat extensively in an experimental manner for the purpose of determining their value. For the greater part these preparations are designed to destroy the *Streptococcus agalactiæ* which is the organism chiefly responsible for the chronic and recurring form of the disease. While attempts at this form of treatment have been made for many years, it is only recently that worth while results have been obtained. This has probably occurred because of the development of less irritating streptococcicides and also their incorporation in carriers of a bland nature such as mineral and olive oil.

To try out one of such preparations the following chart reveals the result of the experiment. Samples of milk from nine cows manifesting some evidence of mastitis were procured and subjected to microscopic and cultural test for *Streptococcus agalactiæ*. Five of these revealed streptococci and the treatment applied was a 5% suspension of silver oxide in mineral oil.

| Breed and No. | Lactation Period | Quarters Affected and Findings Before Treatment | | No. of Doses, Date and Amount Given | | | | | Findings After Treatment Bacteria | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Bacteria | 30 | 31 | 1 | 3 | 4 | 31 | 1 | 3 | 4 | 11 | 20 | 26 | 11 | 6 | 12 | 12 |
| No. 1 | June 10/41 | RF | Strep | 10 | 10 | 10 | 10 | 10 cc. | — | — | — | — | — | — | — | — | — | — | |
| Hols. | | RH | | | | | | | | | | | | | | | | | |
| | | LF | Strep | 10 | 10 | 10 | 10 | 10 cc. | — | — | — | — | — | — | — | — | — | — | |
| | | LH | | | | | | | — | — | — | — | — | — | — | — | — | — | |
| No. 2 | June 10/41 | RF | Strep | 10 | 5 | 8 | 10 | 10 cc. | — | — | + | — | — | — | — | — | — | + | |
| Hols. | | RH | Strep | 10 | 5 | 8 | 10 | 10 cc. | — | — | + | — | — | — | — | — | — | — | |
| | | LF | Strep | 10 | 5 | 8 | 10 | 10 cc. | — | — | + | — | — | — | — | — | — | — | |
| | | LH | Strep | 10 | 5 | 8 | 10 | 10 cc. | — | — | + | — | — | — | — | — | — | — | |
| No. 3 | Feb 8/41 | RF | | | | | | | | | | | | | | | | | — |
| Jers. | | RH | | | | | | | | | | | | | | | | | — |
| | | LF | Strep | 10 | 10 | 5 | 10 | 10 cc. | — | — | — | — | — | — | — | — | — | — | — |
| | | LH | Strep | 10 | 10 | 5 | 10 | 10 cc. | — | — | — | — | — | — | — | — | — | — | — |
| No. 4 | July 11/41 | RF | | | | | | | | | | | | | | | | | |
| Jers. | | RH | | | | | | | | | | | | | | | | | |
| | | LF | | | | | | | | | | | | | | | | | |
| | | LH | Strep | 10 | 10 | 10 | 10 | 10 cc. | — | — | — | — | — | — | — | — | — | — | + |
| No. 5 | Dry | RF | Strep | 10 | | | | | | | | | | — | | | | | |
| Hols. | Pregnant | RH | Strep | 10 | | | | | | | | | | — | | | | | |
| | 4 mos. | LF | Strep | 10 | | | | | | | | | | — | | | | | |
| | | LH | Strep | 10 | | | | | | | | | | — | | | | | |

*Explanation of Chart:* Bacteriological work done by Dr. J. S. Glover. Samples of milk were obtained daily during the application of treatment which began on October 30th. Repeat injections were made until five doses were given by November 5th. Bacteriological examinations of samples from the infected quarters were made on October 31st, November 1st, 3rd, 4th, 11th, 20th, 26th, December 11th, January 6th, and February 12th. Leucocytic observations of the samples were made also, but are not included in the chart. These in the main conformed with the bacteriological findings.

Cow No. 1 remained free from the infection throughout and was dried off shortly after the completion of the test.

Cow No. 2 had a recurrence of the infection on February 12th in one quarter. Furthermore, two other of her quarters showed inflammation and swelling, but did not reveal any streptococci.

Cow No. 3 remained free from the infection. On May 12th, another bacteriological examination revealed that she was still free from the organism. This cow, however, went dry in one of the affected quarters while under treatment. As she was near the end of that lactation period, she was dried off completely. Since then she has freshened and while all quarters filled up uniformly at the same time the quarter which ceased secreting milk during the treatment did not come back to its normal flow. There evidently was a permanent interference with the secretion. It should be mentioned also that during treatment the affected quarters became quite inflamed and the cow was fevered and sick.

Cow No. 4 remained free from the infection until February 12th in the last test, when she again revealed streptococci in the formerly affected quarter.

Cow No. 5 was dry when treated and was an advanced case of chronic mastitis. She showed the infection in all quarters, but was negative in one subsequent test. At freshening time, however, her udder was very bad and she was slaughtered.

While those few cases reported regarding the use of this preparation are not enough to draw final conclusions from, at the same time there are some observations which can be made and which are in keeping with reports from veterinarians who have used the preparation, both in Canada and the United States.

The greatest value is apparently in those cases which are shedding streptococci, but have not had any serious attack of the disease and in which but little udder damage has occurred.

Quite marked udder reactions take place within a few hours after the initial injection. These are manifested by swelling, pain, and uneasiness. Subsequent injections do not cause as much reaction.

Those quarters showing a degree of inflammation tend to become more inflamed and in some instances stop secreting milk. One need not look for as great a percentage of recoveries in cases where appreciable amounts of tissue damage and change have occurred.

A number of such preparations are now available and, undoubtedly, this method of treatment will ultimately prove to be of considerable value as a means of assisting in the control of the disease.

It is clear, however, that good judgment should be used in the application of the treatment for udders showing indications of an active inflammation will not always respond favorably and may, in some instances, cease to function.

## REPORT OF THE PROVINCIAL ZOOLOGIST

### LIONEL STEVENSON

The diseases of fur-bearing animals and general welfare problems of the fur-breeding industry were given full consideration during the year.

Parasitism, once so prevalent on fur ranches, has been greatly reduced in Ontario by the adoption of wire floors for pens, improved feeding and watering equipment, and the extended use of pelleted feeds. Distemper was reported from only two ranches during the year. This reduction is due to the better control of dogs. The dog is now recognized as the principal distributor of distemper virus to fox and mink ranches. The ranching of the South American Chinchilla Lanigera is being established in Eastern Ontario, necessitating the study of conditions peculiar to these valuable fur-producing animals. The Nutria or South American Beaver have increased during the past year and are now kept on many ranches. The number of dead animals received from ranchers for autopsy was 33 per cent less than for the previous year. The health of fur-bearing animals has been good. The loss from infectious diseases has been light. The principal losses that occurred were due to food toxemia, poor rations, and poor housing. Ninety-six carcasses of fur-bearing animals were received, examined as to cause of death and reports sent to ranch owners without delay.

### AUTOPSY REPORT

| | Fox | Mink | Chinchilla | Nutria | Total |
|---|---|---|---|---|---|
| *Parasitism* | 1 | 3 | 2 | | 6 |
| *Pneumonia* | 1 | 4 | | 1 | 6 |
| *Uraemia* | | 3 | | | 3 |
| *Distemper* | | 2 | | | 2 |
| *Metritis* | | 1 | | | 1 |
| *Staphylococcus Infection* | 1 | | | | 1 |
| *Streptococcus Infection* | 2 | 7 | | | 9 |
| *Acute Gastritis* | 2 | | | | 2 |
| *Tuberculosis* | | 1 | | | 1 |
| *Toxemia of Pregnancy* | | 2 | | | 2 |
| *Avitaminosis* | 5 | | | | 5 |
| *Paratyphoid* | 4 | 4 | 2 | | 10 |
| *Nursing Sickness* | | 4 | | | 4 |
| *Gastric Ulcers* | | 2 | | | 2 |
| *Heat Stroke* | | 6 | | | 6 |
| *Hemorrhage* | 1 | 3 | | | 4 |
| *Peritonitis* | | 1 | | 1 | 2 |
| *Nutritional Anemia* | 5 | 14 | | 1 | 20 |
| *Food Toxemia* | 2 | 11 | | | 13 |
| | 24 | 68 | 4 | 3 | 99 |

*Bulletins Prepared*

Cattle Lice and Their Control.
Rats and Mice and Their Control.
Parasites Injurious to Swine (revision).

*Circulars Prepared (multigraphs)*

The Angora Rabbit.
The Ferret.
The South American Beaver.
The Skunk.
Laboratory Animals Used in Research.
Humane Killing of Fur-Bearing Animals.

### COLLEGE TEACHING

*Zoology:* A lecture course of 40 one-hour periods and a laboratory course of 40 two-hour periods were given to the students of the Second Year Class.

*Plant Toxicology:* A lecture course of 50 one-hour periods was given to students of the Third Year Class.

*Diseases of Fur-Bearing Animals:* A lecture course of 50 one-hour periods was given to the students of the Third Year Class.

The work necessary in the examination of specimens sent in for investigation was given full attention. The substances examined and reported on were principally meats and cereals used in fur animal feeding. Examination of fecal matter from foxes, rabbits, sheep, and swine were made to determine the presence or absence of the ova of parasitic pests.

The Ontario Fur Breeders' Conference was held on June 11th and 12th at the Ontario Veterinary College. Full assistance in the organization of the Conference, the use of College classrooms and help with the programme was given this organization. The Conference was a success; over 300 registered fur breeders principally interested in the problems of silver fox and mink breeding were in attendance. An investigation as to cause of losses on a fur breeder's ranch in Elgin County was made during July.

Letters were received from all parts of Ontario and Western Canada asking about fur ranching problems and prospects. These were given full attention. Numerous fur ranchers came to the College seeking first hand information on fur ranch problems.

◆

# ANNUAL REPORT

OF THE

# Department of Highways

## ONTARIO

FOR THE FISCAL YEAR ENDING MARCH 31st

## 1942

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO

SESSIONAL PAPER No. 32, 1943

ONTARIO

TORONTO
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1943

# CONTENTS

Page

Highways of Ontario, by R. M. Smith, Deputy Minister .......... 9
Report of the Highways Accountant, by G. E. F. Smith, Chief Accountant .......... 10
Report of Gasoline Tax Revenue, by H. S. Gunn, Chief Inspector .......... 10
Report of Miscellaneous Permits Branch, by C. G. Fairs, Supervisor .......... 11
Maps Showing System of King's Highways and Road Numbers .......... 12–13
Report of King's Highway Operations, by A. A. Smith, Chief Engineer .......... 14
Report on Bridge Construction, by A. Sedgwick, Chief Engineer of Bridges .......... 24
Report on Municipal Roads, by J. A. P. Marshall, Chief Municipal Engineer .......... 26

Appendices:

1. Expenditure by Counties and Districts .......... 32–44
2. Gross Expenditure by Roads .......... 45–47
3. Schedule of Assumptions and Reversions .......... 48
4. Bridges Completed on King's Highways During 1941 .......... 50–55
5. Growth of County Road Expenditures and Provincial Grants .......... 56
6. County Road Mileage and Expenditure .......... 57
7. Summary of County Road Expenditure .......... 58–59
8. Summary of Township Road Expenditure .......... 60
9. Mileage of Road Surfaces .......... 62–63

Report of Motor Vehicles Branch, by J. P. Bickell, Registrar .......... 64
Report of Financial Responsibility Division, by J. P. Bickell .......... 70
Accident Reporting Division, by J. P. Bickell .......... 75

ON THE QUEEN ELIZABETH WAY TRAFFIC IS OF THE BUSINESS TYPE IN THE RATIO OF 6 TO 2.

To The Honourable Albert Matthews, LL.D.,
Lieutenant-Governor of the Province of Ontario.

May it Please Your Honour:—

The undersigned has the honour to transmit the Annual Report of the Department of Highways, Ontario, for the fiscal year ending March 31st, 1942.

Respectfully submitted,

T. B. McQuesten,
Minister.

Department of Highways, Ontario,
Toronto, December 31st, 1942.

To The Honourable T. B. McQuesten, K.C., B.A., LL.B.,
Minister of Highways, Ontario.

Sir:—

I have the honour to present herewith Report on the activities of the Department of Highways for the Fiscal Year ended 31st March, 1942.

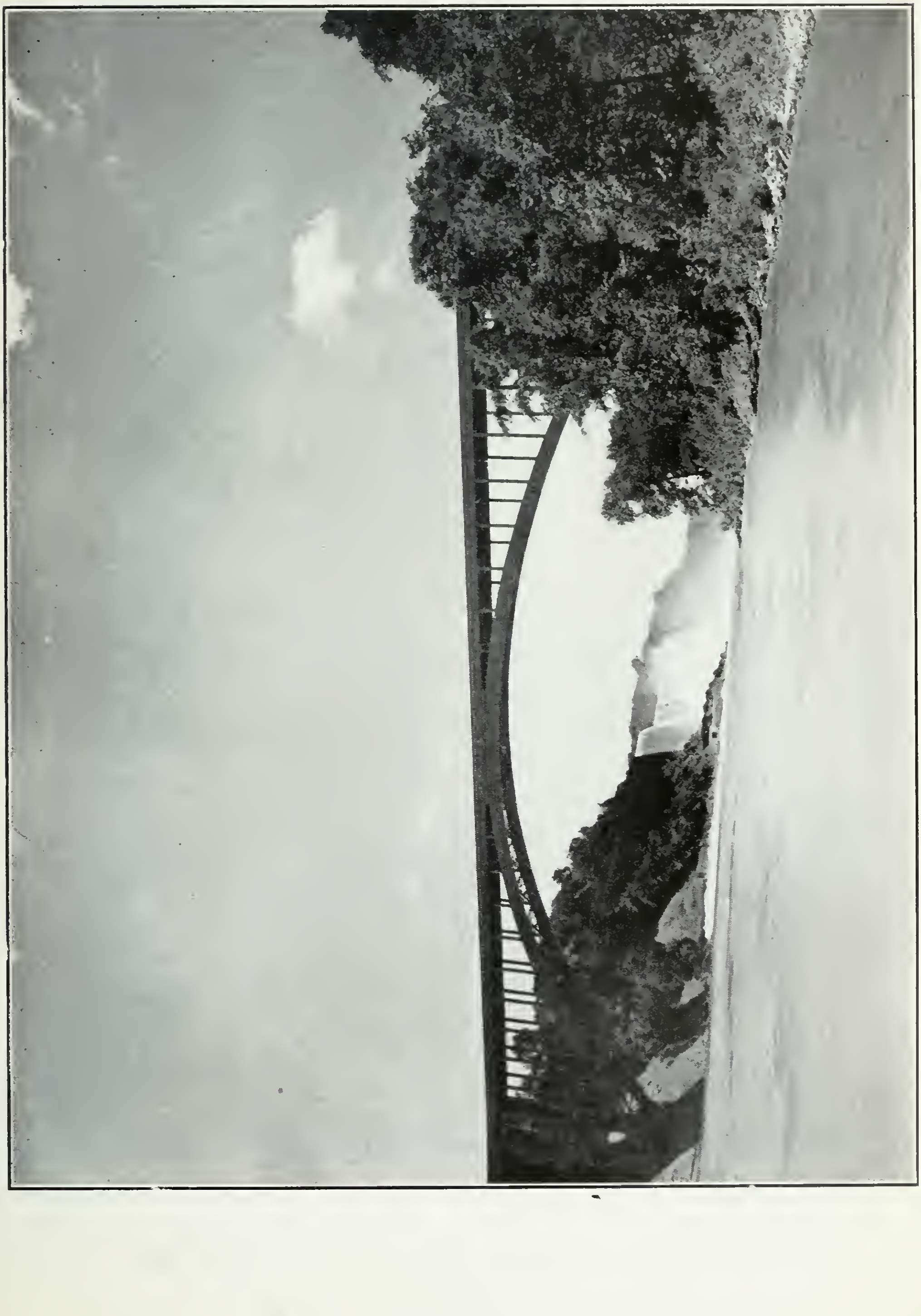
The Report covers operations and functions performed by the various branches, including King's Highways, Municipal Roads, Bridge Construction, Accounting, Gasoline Tax and Motor Vehicles.

I have the honour to be, Sir,

Your obedient servant,

R. M. Smith,
Deputy Minister.

Department of Highways, Ontario,
Toronto, December 31st, 1942.

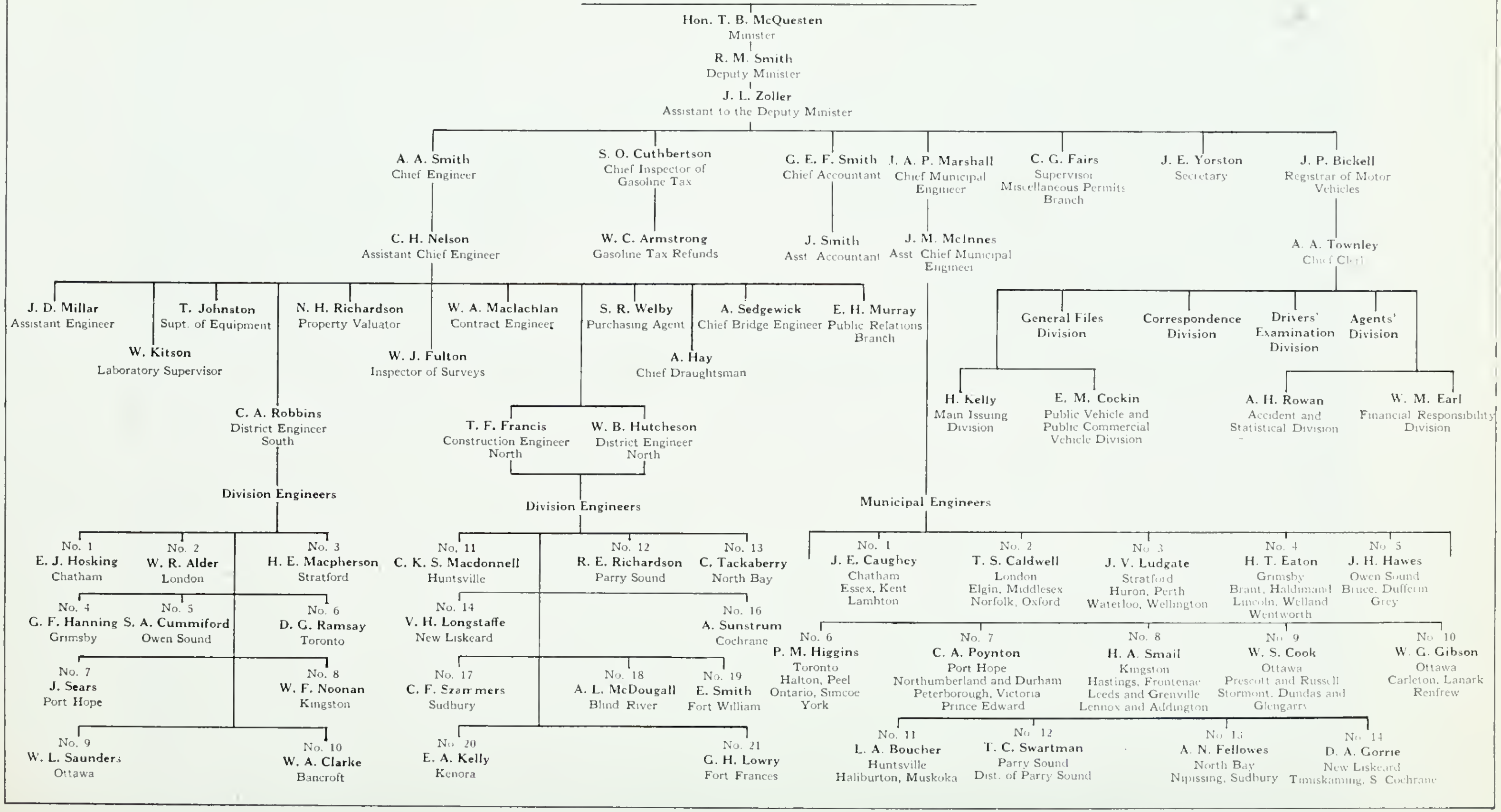


The Rainbow Bridge across the Niagara River between Niagara Falls, New York, and Niagara Falls, Ontario. Opened to traffic November 1, 1941. Selected by the American Institute of Steel Construction as the most beautiful monumental bridge completed during 1941.

## 1941

# ORGANIZATION CHART

## DEPARMENT OF HIGHWAYS ONTARIO


Hon. T. B. McQuesten
Minister
R. M. Smith
Deputy Minister
J. L. Zoller
Assistant to the Deputy Minister
A. A. Smith
Chief Engineer
S. O. Cuthbertson
Chief Inspector of Gasoline Tax
G. E. F. Smith
Chief Accountant
J. A. P. Marshall
Chief Municipal Engineer
C. G. Fairs
Supervisor Miscellaneous Permits Branch
J. E. Yorston
Secretary
J. P. Bickell
Registrar of Motor Vehicles
C. H. Nelson
Assistant Chief Engineer
W. C. Armstrong
Gasoline Tax Refunds
J. Smith
Asst Accountant
J. M. McInnes
Asst Chief Municipal Engineer
A. A. Townley
Chief Clerk
J. D. Millar
Assistant Engineer
T. Johnston
Supt. of Equipment
N. H. Richardson
Property Valuator
W. A. Maclachlan
Contract Engineer
S. R. Welby
Purchasing Agent
A. Sedgewick
Chief Bridge Engineer
E. H. Murray
Public Relations Branch
W. Kitson
Laboratory Supervisor
W. J. Fulton
Inspector of Surveys
A. Hay
Chief Draughtsman
General Files Division
Correspondence Division
Drivers' Examination Division
Agents' Division
H. Kelly
Main Issuing Division
E. M. Cockin
Public Vehicle and Public Commercial Vehicle Division
A. H. Rowan
Accident and Statistical Division
W. M. Earl
Financial Responsibility Division
C. A. Robbins
District Engineer South
T. F. Francis
Construction Engineer North
W. B. Hutcheson
District Engineer North
Division Engineers
No. 1 E. J. Hosking Chatham
No. 2 W. R. Alder London
No. 3 H. E. Macpherson Stratford
No. 4 G. F. Hanning Grimsby
No. 5 S. A. Cummiford Owen Sound
No. 6 D. G. Ramsay Toronto
No. 7 J. Sears Port Hope
No. 8 W. F. Noonan Kingston
No. 9 W. L. Saunders Ottawa
No. 10 W. A. Clarke Bancroft
Division Engineers
No. 11 C. K. S. Macdonnell Huntsville
No. 12 R. E. Richardson Parry Sound
No. 13 C. Tackaberry North Bay
No. 14 V. H. Longstaffe New Liskeard
No. 16 A. Sunstrum Cochrane
No. 17 C. F. Szammers Sudbury
No. 18 A. L. McDougall Blind River
No. 19 E. Smith Fort William
No. 20 E. A. Kelly Kenora
No. 21 G. H. Lowry Fort Frances
Municipal Engineers
No. 1 J. E. Caughey Chatham Essex, Kent Lambton
No. 2 T. S. Caldwell London Elgin, Middlesex Norfolk, Oxford
No. 3 J. V. Ludgate Stratford Huron, Perth Waterloo, Wellington
No. 4 H. T. Eaton Grimsby Brant, Haldimand Lincoln, Welland Wentworth
No. 5 J. H. Hawes Owen Sound Bruce, Dufferin Grey
No. 6 P. M. Higgins Toronto Halton, Peel Ontario, Simcoe York
No. 7 C. A. Poynton Port Hope Northumberland and Durham Peterborough, Victoria Prince Edward
No. 8 H. A. Smail Kingston Hastings, Frontenac Leeds and Grenville Lennox and Addington
No. 9 W. S. Cook Ottawa Prescott and Russell Stormont, Dundas and Glengarry
No. 10 W. G. Gibson Ottawa Carleton, Lanark Renfrew
No. 11 L. A. Boucher Huntsville Haliburton, Muskoka
No. 12 T. C. Swartman Parry Sound Dist. of Parry Sound
No. 13 A. N. Fellowes North Bay Nipissing, Sudbury
No. 14 D. A. Gorrie New Liskeard Timiskaming, S. Cochrane

# HIGHWAYS OF ONTARIO

### By R. M. Smith, Deputy Minister

During the period covered by this report, namely the fiscal year ending March 31st, 1942, the total revenue collected by the Department was as follows: Gasoline Tax, $27,646,695.71; Motor Licenses, $10,144,469.05; Miscellaneous, $166,903.70, making a total of $37,958,068.46, an increase of close to $2,000,000 over the preceding twelve months. Of this increase, $1,000,000 was from Gasoline Tax and a further $800,000 from Motor Vehicle revenue. The following are comparative figures, giving the expenditure and revenue of the Department for the past three years and which includes that period since the outbreak of the war. It will be noted that, during this period in which our country is engaged in war, the expenditure has, in each year, been less than the revenue.

| | Approximate Revenue | Approximate Expenditure |
|---|---|---|
| 1939–40 | $ 34,000,000 | $ 32,000,000 |
| 1940–41 | 36,000,000 | 26,300,000 |
| 1941–42 | 38,000,000 | 35,500,000 |
| Three-Year Totals | $108,000,000 | $ 93,800,000 |

As indicated by the following reports, construction operations were sharply curtailed and confined to those projects that had a direct connection with the war effort. For the most part, the past year was one directed towards the maintenance of the present highway system and this condition was necessarily stressed due to the unusually severe spring break-up and the added strain put upon the highways because of the increase in heavy truck and transport traffic serving the war industries.

The major construction operation was that of the building of the last link of the first transcontinental highway, the 153-mile section between Hearst and Geraldton, in Northern Ontario. During the winter of 1940–41 the necessary tote roads had been constructed from the railway to the site of the proposed highway and, by July, after a prolonged break-up, actual construction operations got under way. Within the year, despite excessive rainfall, approximately 75 per cent. of the highway had been completed.

In the Niagara Peninsula that section of the Queen Elizabeth Way between Niagara Falls and Fort Erie was completed to the gravel-surfaced stage and opened to traffic. Work on the grading and structures on the Niagara Falls entrance and to the Plaza at the Rainbow Bridge, was carried on. The Rainbow Bridge, itself, was opened to traffic November 1st, 1941.

East of Toronto a considerable number of structures were constructed on the divided highway between Highland Creek and Oshawa, and the scenic highway along the St. Lawrence River, east of Gananoque, was completed as a gravel road and opened to local traffic from the Thousand Islands Bridge.

The only other capital undertaking of any size was the relocation and construction, eighty percent completed during the year, of sixteen miles of No. 60 Highway in the vicinity of Bark Lake, made necessary by the Hydro development at that location.

During the year the total assistance given the Counties, Townships and Municipalities amounted to $5,300,000. The usual close co-operation between municipal officials and the Department was maintained.

Registration of motor vehicles reached an all-time high at approximately 788,000 vehicles and the tourist traffic was one of the heaviest on record.

Enlistments in the various armed forces by members of the staff continued at a steady rate.

## REPORT OF THE HIGHWAYS ACCOUNTANT

### By G. E. F. Smith, Chief Accountant

To R. M. Smith, Esq.,
*Deputy Minister of Highways.*

The following is a summary of the Net Expenditure and Revenue for the fiscal year, April 1st, 1941, to March 31st, 1942:

| Expenditure | |
|---|---|
| King's Highways and Development Roads, etc | $ 28,851,041.43 |
| Grants to Counties | 2,402,819.70 |
| Grants to Townships | 2,916,240.62 |
| Administration, etc. | 1,343,859.87 |
| | $ 35,513,961.62 |

| Revenue | |
|---|---|
| Gasoline Tax | $ 27,646,695.71 |
| Motor Vehicles | 10,144,469.05 |
| Permits, Gasoline Pumps, etc. | 122,977.64 |
| Miscellaneous and Sundries | 43,926.06 |
| | $ 37,958,068.46 |

As in previous years the books of each municipality accepting aid under the Highway Improvement Act were audited by the Accounting Department.

---

## REPORT OF GASOLINE TAX REVENUE

### By H. S. Gunn, Chief Inspector Gasoline Tax.

To R. M. Smith, Esq.,
*Deputy Minister of Highways.*

The gross gasoline tax collections for the Province during the fiscal year, April 1, 1941, to March 31, 1942 (both dates inclusive), amounted to $30,915,014.67. During the same period, $3,273,557.48 was refunded to farmers, manufacturers, motorboat users, aeroplane users, etc. The net gasoline tax collections, after refunds were made, amounted to $27,641,457.19.

The net receipts from gasoline handling licenses for the same period amounted to $5,238.52.

It is anticipated that gasoline tax collections for the fiscal year ending March 31, 1943, will be much lower than the previous fiscal year due to the rationing of gasoline, which came into effect April 1, 1942.

The method of dealing with refund claims is substantially the same in this year as in previous years. Collectors' accounts are being audited periodically.

H. S. Gunn,
*Chief Inspector Gasoline Tax.*

## REPORT OF MISCELLANEOUS PERMITS BRANCH

### By C. G. Fairs, Supervisor

To R. M. Smith, Esq.,
*Deputy Minister of Highways.*

I have the pleasure to submit for your perusal the following 1941–42 Fiscal Year Report:

### Building Permits

| | |
|---|---|
| Number of Permits Issued | 782 |
| Approximate Value of Buildings | $ 1,405,506.50 |

### Public Garage Licenses

| | |
|---|---|
| Number of Licenses Issued—Class "A" | 3,984 |
| Number of Licenses Issued—Class "B" | 2,369 |
| Total | $ 58,853.27 |

### Gasoline Pumps — King's Highway Outlets Only

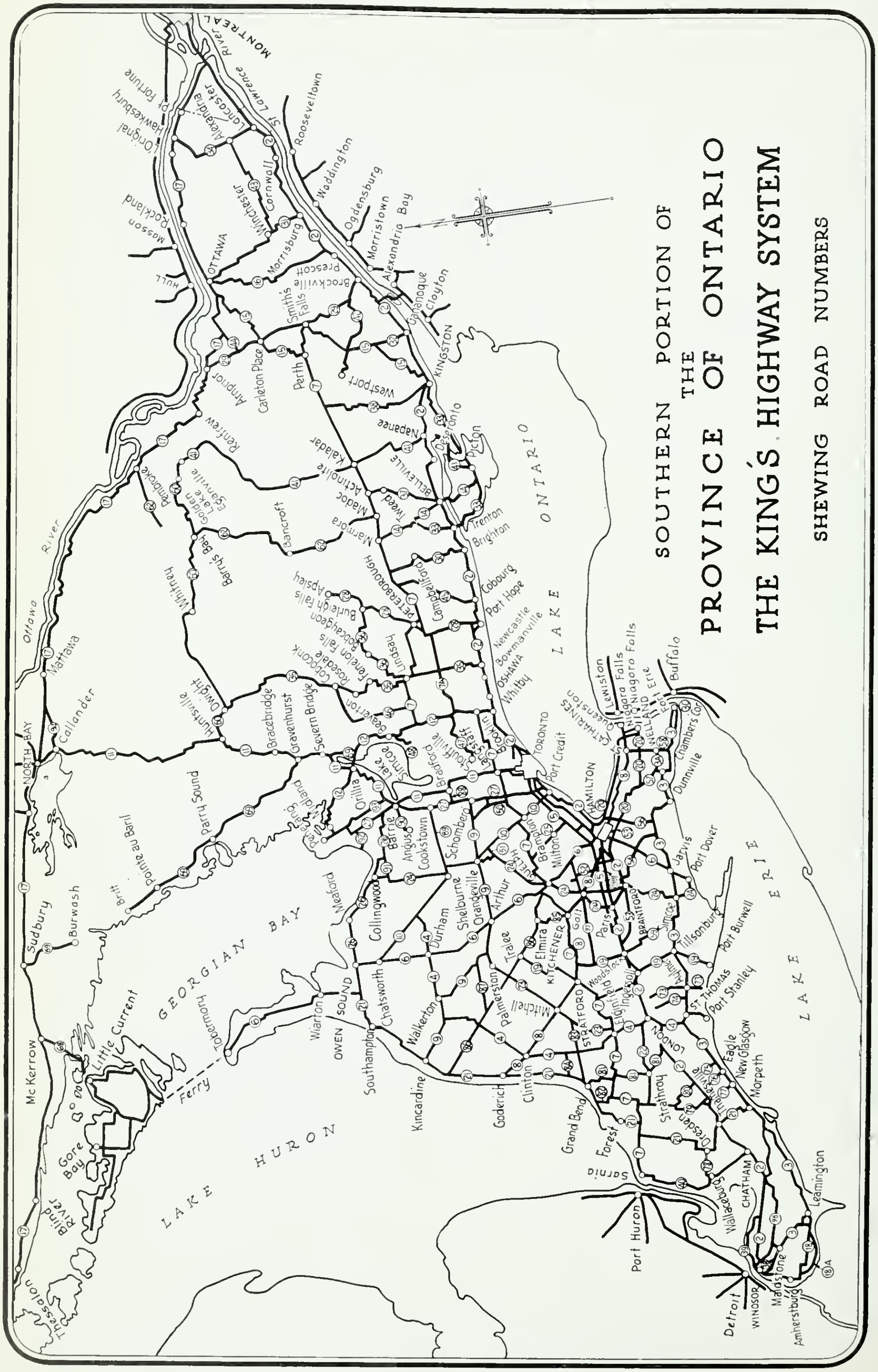
| | | | |
|---|---|---|---|
| Permits | $25.00 | (Curb) | A621 |
| " | 5.00 | (8 ft. to 25 ft. from Highway Boundary) | 4,569 |
| Total | | | $ 47,374.83 |

### Signs

| | | |
|---|---|---|
| Permits | $1.00 | 947 |
| " | 5.00 | 2,128 |
| " | 10.00 | 583 |
| Total | | $ 16,749.54 |

Permit fees received, as mentioned above, will coincide with the Treasury Department receipts for the Fiscal Year.

Garage, Gasoline Pump and Sign Permits are issued as of the Calendar Year, January 1st, to December 31st, 1941.



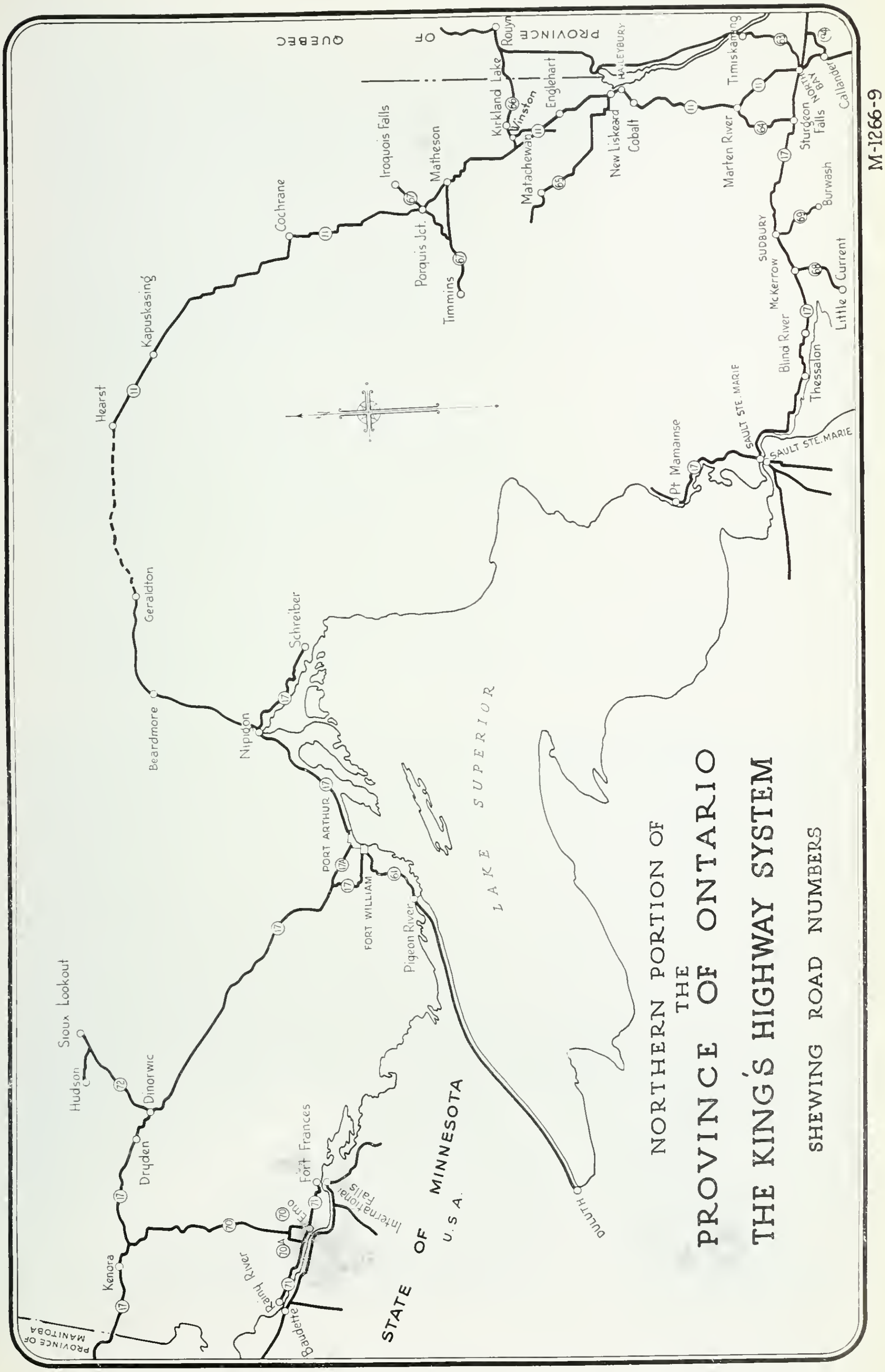
SOUTHERN PORTION OF THE PROVINCE OF ONTARIO

THE KING'S HIGHWAY SYSTEM

SHEWING ROAD NUMBERS

M-1266-8
Bulletin – 1938

MONTREAL
St. Lawrence River
Lancaster
Alexandria
Pt. Fortune
Hawkesbury
L'Orignal
Rooseveltown
Cornwall
Winchester
Waddington
Ogdensburg
Morrisburg
Rockland
Masson
Prescott
Brockville
Morristown
Alexandria Bay
Gananoque
Clayton
OTTAWA
HULL
Smith's Falls
KINGSTON
Westport
Perth
Carleton Place
Arnprior
Renfrew
Napanee
Deseronto
Picton
Kaladar
Actinolite
BELLEVILLE
Madoc
Tweed
Trenton
Brighton
Marmora
Pembroke
Golden Lake
Eganville
Bancroft
Barry's Bay
Whitney
Ottawa River
Mattawa
Callander
NORTH BAY
PETERBOROUGH
Campbellford
Cobourg
Port Hope
Newcastle
Bowmanville
OSHAWA
Whitby
Apsley
Burleigh Falls
Bobcaygeon
Lindsay
Fenelon Falls
Rosedale
Coboconk
Dwight
Huntsville
Bracebridge
Gravenhurst
Severn Bridge
Beaverton
Stouffville
Leaside
Brooklin
TORONTO
Port Credit
HAMILTON
ST. CATHARINES
Queenston
Lewiston
Niagara Falls
Niagara Falls
WELLAND
Fort Erie
Buffalo
Chambers Cor.
Dunnville
LAKE ONTARIO
Lake Simcoe
Orillia
Bradford
Barrie
Angus
Cookstown
Schomberg
Midland
Penetang
Parry Sound
Pointe au Baril
Britt
Sudbury
Burwash
McKerrow
Little Current
GEORGIAN BAY
Tobermory
Ferry
Gore Bay
Blind River
Thessalon
LAKE HURON
Collingwood
Meaford
Shelburne
Orangeville
Brampton
Milton
GUELPH
Arthur
Durham
Elmira
KITCHENER
Galt
Paris
BRANTFORD
Simcoe
Jarvis
Port Dover
Tillsonburg
Port Burwell
LAKE ERIE
Owen Sound
Wiarton
Chatsworth
Southampton
Walkerton
Kincardine
Palmerston
Tralee
Mitchell
STRATFORD
Woodstock
Ingersoll
Aylmer
ST. THOMAS
Port Stanley
LONDON
Goderich
Clinton
Grand Bend
Forest
Sarnia
Port Huron
Strathroy
Thamesville
Eagle
New Glasgow
Morpeth
Dresden
Wallaceburg
CHATHAM
Leamington
Detroit
WINDSOR
Maidstone
Amherstburg



NORTHERN PORTION OF THE PROVINCE OF ONTARIO

THE KING'S HIGHWAY SYSTEM

SHEWING ROAD NUMBERS

PROVINCE OF MANITOBA
Kenora
17
Dryden
Dinorwic
72
Hudson
Sioux Lookout
70
70A
71
Rainy River
Baudette
Emo
Fort Frances
International Falls
STATE OF MINNESOTA
U.S.A.
17
FORT WILLIAM
17A
PORT ARTHUR
61
Pigeon River
Duluth
Nipigon
Beardmore
Geraldton
Schreiber
LAKE SUPERIOR
Hearst
11
Kapuskasing
Cochrane
Iroquois Falls
67
Porquis Jct.
Matheson
Timmins
Kirkland Lake
66
Swastika
Rouyn
Matachewan
65
Englehart
New Liskeard
Haileybury
Cobalt
PROVINCE OF QUEBEC
Pt Mamainse
SAULT STE. MARIE
Thessalon
Blind River
McKerrow
Sudbury
68
Little Current
69
Burwash
Sturgeon Falls
Marten River
64
North Bay
Timiskaming
63
Callander
94
M-1266-9
Bulletin 1938

# ANNUAL REPORT FOR 1941

## KING'S HIGHWAY OPERATIONS

### A. A. Smith, Chief Engineer

Work on the King's Highway System during the season was largely devoted to maintenance. Construction projects were limited to those which gave direct assistance to the war effort. No major changes were made in the construction standards. On Divided Highways the principle was adopted of building service roads parallel to the main highway in areas adjacent to cities or large towns.

In southern Ontario the Department experienced one of the worst Spring break-ups in its history due to extremely unfavourable subsoil conditions and heavy truck traffic serving the war industries. In order to make repairs which would serve for the duration of the war, contracts were let for replacing broken concrete sections with concrete and the resurfacing of bituminous pavements. In northwestern Ontario, heavy rainfall in the early Fall caused extensive damage to road grades and bridges.

General maintenance, surface treatment and dust-laying operations were carried out. The use of heavy dust-laying oil, or 'prime,' was extended. All King's Highways in southern Ontario and all main highways and secondary roads in northern Ontario were kept open and sanded for winter traffic.

Toronto entrance to the Queen Elizabeth Way. Monument in the background.

### Summary of Construction Projects

To complete the Queen Elizabeth Way from Toronto to the Niagara border points, work was continued on the grading and structures from Niagara Falls to Fort Erie, this section being opened to traffic as a gravel road. Work was also continued on the grading and structures on the entrance to the new Rainbow Bridge at Niagara Falls, the latter being placed in service in November 1941, using portions of the Plaza Buildings.

East of Toronto a considerable number of structures were built and some grading work done on the new Kingston Road from Highland Creek to Oshawa. In eastern Ontario the scenic highway along the St. Lawrence River east of Gananoque was completed as a gravel road and open to local traffic from the Ivy Lea International Bridge. The erection of a storage dam on Bark Lake by the Ontario Hydro Power Commission necessitated the relocation of some 16 miles of Highway 60 in Renfrew County and the District of Nipissing.

In northern Ontario, work was actively continued on the Geraldton to Hearst connection which will complete the first trans-Canada highway across Ontario. Rainfall was abnormally high during the season and considerable difficulty was encountered in the muskeg sections west of Hearst. Completion of the grading in the vicinity of Kirkland Lake and from Matheson west provided improved facilities to the Timmins area.

At the end of the 1941 fiscal year ending March 31, 1942, the total mileage of the different types of surfaces comprising the King's Highway System was as follows:

| | | |
|---|---|---|
| Concrete | 1,779.32 | Miles |
| Asphalt | 390.68 | " |
| Mixed Macadam | 808.10 | " |
| Penetration Macadam | 364.64 | " |
| Retread | 499.47 | " |
| Macadam | 176.30 | " |
| Gravel | 3,441.74 | " |
| Total | 7,460.25 | " |

Mileage constructed during the fiscal year ending March 31, 1942, was as follows:

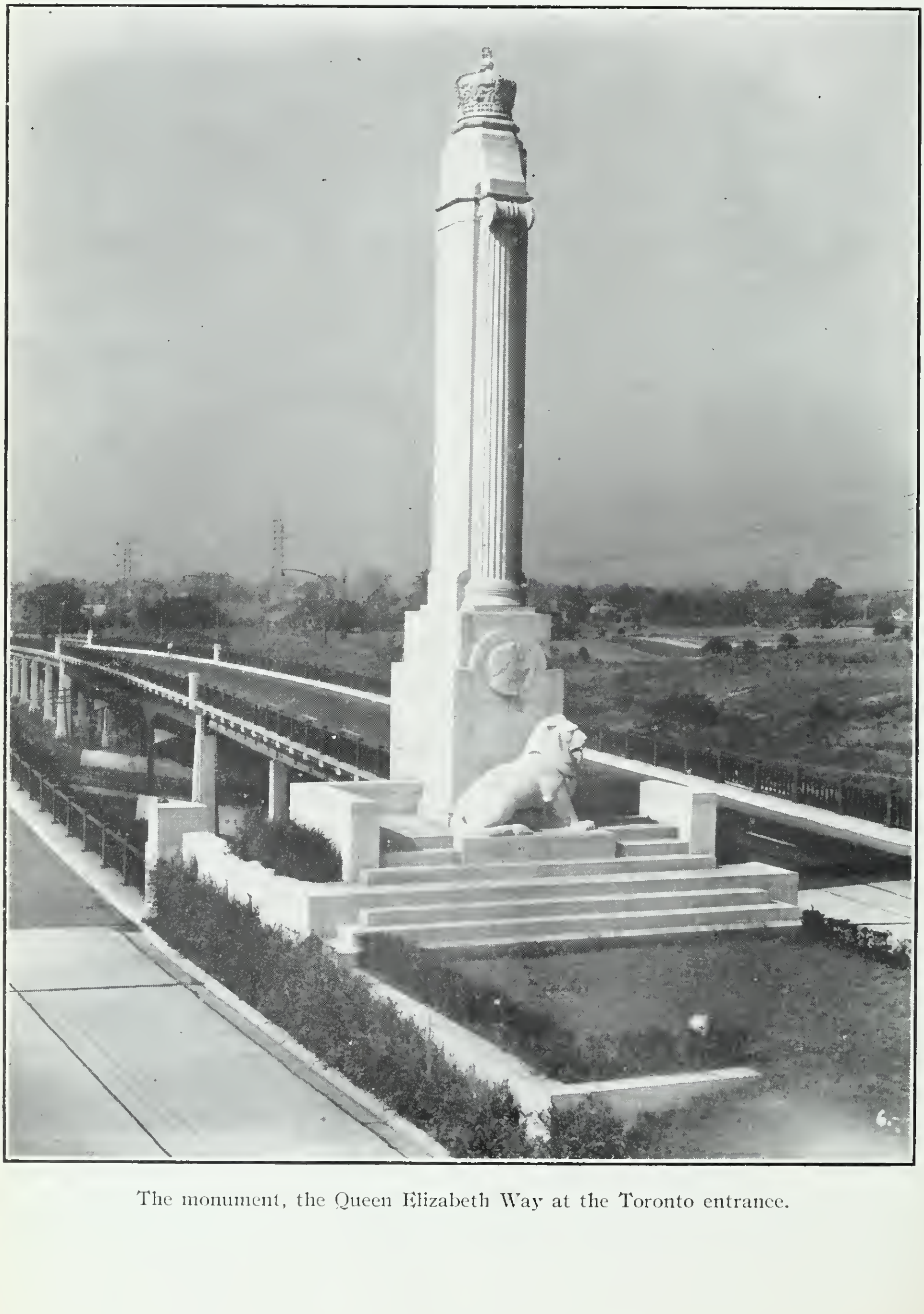
| | | |
|---|---|---|
| Concrete Pavement (Dual Lane) | 3.8 | Miles |
| Concrete Pavement (Single Lane) | 0.7 | " |
| Mixed Macadam Pavement | 3.0 | " |
| Bituminous Penetration | 5.2 | " |
| Gravel Mulch | 126.0 | " |
| Grading | 173.0 | " |

The details of the various bridges, grading and paving work follow later in this report.

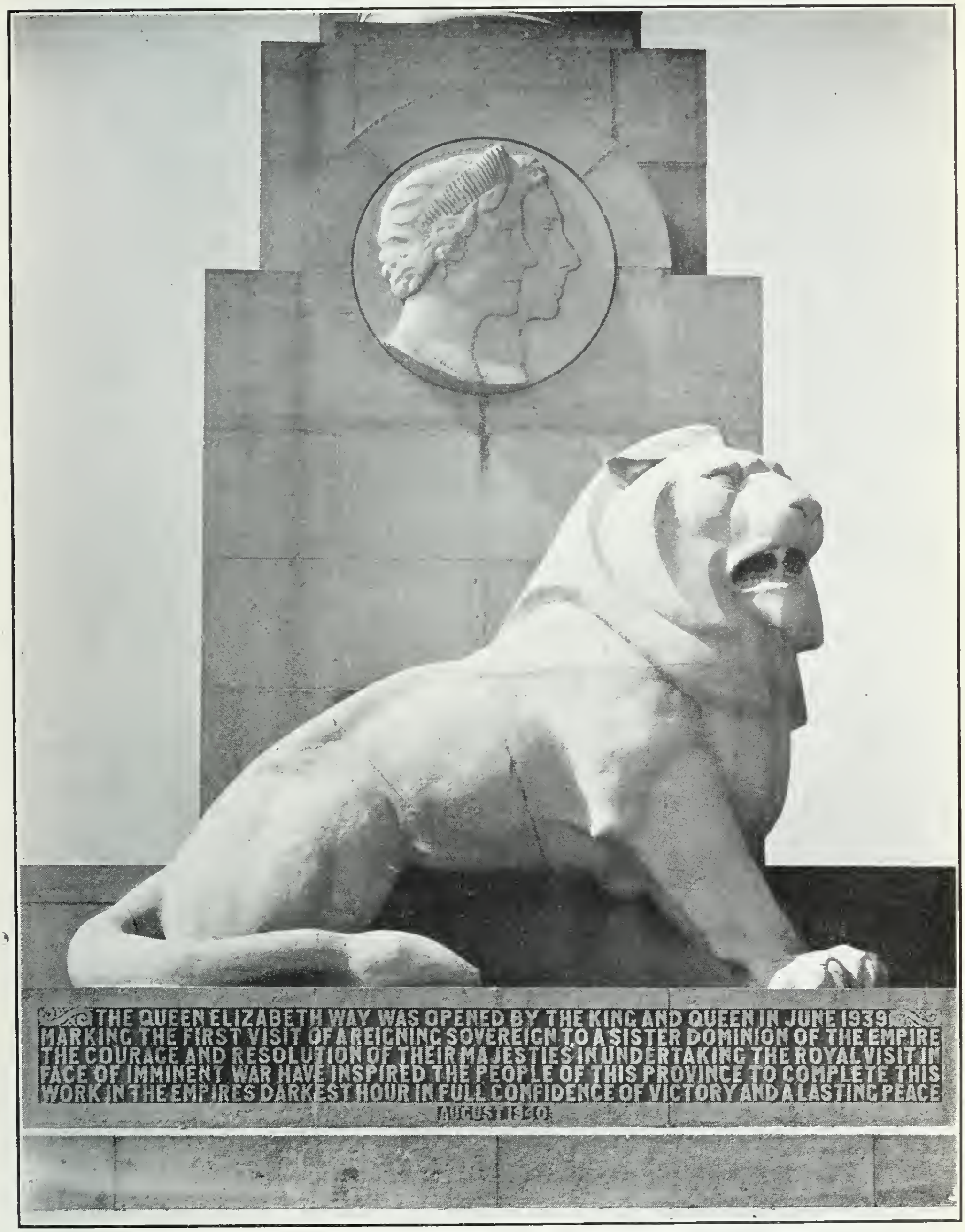
## SURVEYS' BRANCH

### Land Surveys

During the year 420 miles of highway were surveyed requiring the planting of some 3,560 concrete highway monuments permanently establishing the limits of these highways. These surveys acquired over 6,220 acres of land used for diverting or widening the highways, affecting 1,130 different owners (not including Crown Lands appropriated). In addition, 38 surveys were made establishing old limits of the highway to assist in the enforcing of controlled development of abutting properties. Twenty-seven gravel pits or storage yards and 9 park areas were located and surveyed.



The monument, the Queen Elizabeth Way at the Toronto entrance.


THE QUEEN ELIZABETH WAY WAS OPENED BY THE KING AND QUEEN IN JUNE 1939
MARKING THE FIRST VISIT OF A REIGNING SOVEREIGN TO A SISTER DOMINION OF THE EMPIRE
THE COURAGE AND RESOLUTION OF THEIR MAJESTIES IN UNDERTAKING THE ROYAL VISIT IN
FACE OF IMMINENT WAR HAVE INSPIRED THE PEOPLE OF THIS PROVINCE TO COMPLETE THIS
WORK IN THE EMPIRES DARKEST HOUR IN FULL CONFIDENCE OF VICTORY AND A LASTING PEACE
AUGUST 1940

Detail and inscription of the monument, the Queen Elizabeth Way.

## Location and Engineering Surveys

The Location Branch completed 350 miles of new location or diversions of highways which included some 251 miles of alignment, profiles together with contours. Control surveys were continued and some 723 square miles were completed and study plans are now completed from Toronto to the Quebec Boundary and Toronto northerly to the Severn River.

Surveys of the dual highways were continued and the gap closed between Etobicoke Creek and Bronte Creek, also St. Catharines southeasterly to Niagara Falls and Sandwich West Township between Windsor and Maidstone were completed.

The Branch again directly assisted the present war by completing another four airports for the Department of Transport in connection with the Commonwealth Air Training Plan and made one bridge site survey at Sault Ste. Marie where a new international bridge may some time be built; this survey was made in conjunction with the Michigan State Highway Commission.

In addition some 20 special surveys were completed for accidents, arbitrations, drainage, investigations and bridge sites.

## DIVISION No. 1 — CHATHAM

Grading was partly completed from Grand Bend south five miles on Highway 21. Sections of old concrete pavement were replaced on Highway 2 in the vicinity of St. Joachim.

### Division No. 2 — London

Exeter Bridge over the Auxsables River on Highway 4 was completed. Sections of old concrete pavement were replaced on Highway 22 and new pavement laid on the diversion of Highway 3 near New Glasgow.

### Division No. 3 — Stratford

Hot-mixed asphaltic pavement was laid on Highway 21 from Shepparton to Port Albert Airport. Concrete bridges were completed at Laurier, Bethel and 4 miles north of Bayfield. Sections of old concrete pavement were replaced on Highways 4, 7 and 8.

### Division No. 4 — Grimsby

**Queen Elizabeth Way** — Grading and structures were completed from the Thorold Road to Fort Erie and concrete pavement laid from the Thorold Road to Lundy's Lane. Details of the structures are given in the Bridge Engineer's report.

**Rainbow Bridge Entrance from Queen Elizabeth Way** — Grading and structures were completed from the traffic circle on the Queen Elizabeth Way easterly to Stanley Street. Victoria Avenue Bridge and grading on Newman Hill entrance was completed. The Canadian Approach Plaza, including buildings, was partially completed. The Rainbow Bridge was put in service on November 1st, 1941, using the exit lanes only on the plaza.

**General** — Sections of old concrete pavement were replaced on Highway 2 east of Cainsville. Bituminous surfacing was laid on service roads paralleling the Queen Elizabeth Way at St. Catharines, on Highway 8 in Beamsville and on several other sections throughout the Division.

Roadside park on Highway No. 17 between Orleans and Cumberland.

The mulch-surfaced road from North Bay to the Airport.

### DIVISION NO. 5 — OWEN SOUND

Only general maintenance, surface treatment and sundry construction were undertaken.

### DIVISION NO. 6 — TORONTO

**Queen Elizabeth Way** — Several short gaps in the concrete pavement were completed from the Humber entrance westerly toward Hamilton.

**The New Kingston Road** — The grading of approximately 5½ miles of the 21-mile section from Highland Creek to Oshawa completed a gravel road between these points. Thirteen bridges and overheads were completed or in the course of construction, the details of those completed being given in the Bridge Engineer's Report.

**General** — A bridge and diversion were completed on Highway 50, two miles south of Palgrave. Bituminous surfacing was laid on Highway 2 from Whitby to the Rouge River and on Highway 7 in York County.

### DIVISION NO. 7 — PORT HOPE

Sections of old concrete pavement were replaced on Highway 2 from Port Hope to Bowmanville. Bituminous surfacing was laid on sections of Highways 7, 14 and 28. A considerable mileage of gravel roads were given a prime surface.

### DIVISION NO. 8 — KINGSTON

**St. Lawrence River Road** — Grading was carried out between Mallorytown Landing and Gananoque, completing a gravel surface on 26 miles of this divided highway from Gananoque to Crystal Beach. Several lookout points and picnic grounds were built.

**General** — Bituminous surfacing was laid on sections of Highway 2, Belleville to Deseronto and Gananoque to Morrisburg. Grading and bituminous surfacing was carried out on Highway 15, Barriefield north. A considerable mileage of gravel roads were given a prime surface.

### DIVISION NO. 9 — OTTAWA

Only general maintenance, surface treatment and sundry construction were undertaken.

### DIVISION NO. 10 — BANCROFT

**Barry's Bay-Madawaska Section of Highway No. 60** — In conjunction with the Hydro Power development approximately 16 miles of grading and structures were under construction, being eighty per cent. completed by March 31st, 1942. Bridges included those over the Madawaska and Opeongo Rivers.

**General** — Grading of 2½ miles of Highway No. 60 was completed through the village of Whitney. Madawaska River Bridge at Whitney was also completed. Grading operations were carried out on a ten-mile extension of Highway 28 from Apsley toward Bancroft. Griffith Bridge was completed on Highway 41. Sundry grading construction was carried out on Highway 41 at Eganville and Denbeigh and on Highway 62 east of Maynooth.

### DIVISION NO. 11 — HUNSTVILLE

Bituminous surfacing was laid on sections of Highway 11, Severn to Novar, on Highway 60 east of Huntsville, and on Highway 35 south of Minden. General maintenance, surface treatment and sundry construction was carried out on highways and secondary roads on the Division.

Savoff, jumping-off spot for operations on the highway between Hearst and Geraldton.

Construction operations between Hearst and Geraldton.

### DIVISION NO. 12 — PARRY SOUND

Bituminous surfacing was laid on sections of Highway 11, Novar to Sundridge. Five miles of hot-mixed asphaltic pavement was laid on Highway 69, Parry Sound to Nobel.

### DIVISION NO. 13 — NORTH BAY

Grading was completed on 6½ miles of Highway 17, Sturgeon Falls to Verner. Bituminous surfacing was laid on three miles of secondary road to the North Bay Airport. A considerable mileage of gravel roads were given a prime surface.

### DIVISION NO. 14 — NEW LISKEARD

Grading and bituminous paving was carried out on short sections of Highway 11 to complete a paved surface from Latchford to the Kirkland Lake area. Grading was continued between Round Lake and Kenogami Lake. General maintenance and sundry construction were carried out on secondary and unorganized township roads in the Division.

### DIVISION NO. 16 — COCHRANE

Meadow Creek Bridge No. 2 was under construction, otherwise only general maintenance was carried out.

### DIVISION NO. 17 — SUDBURY

Grading was carried out east of Sudbury, completing this section of Highway 17 as far as Warren. Three miles of grading was completed on the Sudbury-Capreol Secondary Road. A considerable mileage of gravel roads were given a prime surface.

### DIVISION NO. 18 — BLIND RIVER

Batchawana Bridge was completed on Highway 17. Two miles of grading were under construction on Highway 17 near Montreal River.

### DIVISION NO. 19 — FORT WILLIAM

Extensive repair work was necessary to replace washouts on the Nipigon-Geraldton Highway, otherwise only general maintenance and sundry construction were carried out on King's Highways and Secondary roads in the Division.

### DIVISION NO. 20 — KENORA

One bridge was completed and two under construction on Highway 17 in the vicinity of Ignace. Extensive repair work was necessary on many highways throughout the Division due to flood conditions.

### DIVISION NO. 21 — FORT FRANCES

Only general maintenance and sundry construction were carried out on King's Highways and secondary roads on the Division.

### DIVISION NO. 25 — HEARST TO GERALDTON

Work on this highway was let late in the Fall of 1940. Tote roads and camps were built during the following Winter and road equipment and supplies were hauled to the various contracts. During the remainder of the year, work was pressed forward and by the end of December 1941 was 75 per cent. completed. The road was built under severe difficulties and very bad weather conditions. Three major river crossings were commenced and good progress made.

A typical muskeg section between Hearst and Geraldton.

Native timber bridge over the Sheekak River, on the highway between Hearst and Geraldton.

## BRIDGES COMPLETED DURING THE YEAR 1941

### Arthur Sedgwick, Chief Engineer of Bridges

During the year 1941 a total of approximately 15,000 lineal feet of bridging has been completed in the Province. An appreciable portion of this was work done on the King's Highways. Eight reinforced concrete double span "underpasses" were built over the four-lane highway between Fort Erie, Niagara Falls and Oshawa. This type of structure has been described before in previous reports and will therefore receive no further special comment. In addition to these "underpasses" which carry crossroads over the main thoroughfare, some important "overpasses" and bridges over rivers were constructed. A few of the more interesting structures are described briefly.

### Batchawana River Bridge

On Highway No. 17 about 35 miles north of Sault Ste. Marie. It consists of five continuous rolled steel girder spans varying from 54 feet at the ends up to 68 feet at the centre. The roadway is 30 feet wide, carried on four lines of girders. The river bed is sand underlying a maximum of 10 feet of water. Foundations for reinforced concrete bents were economically constructed of steel sheet piling to form cells filled with concrete above the same bed. The new bridge replaces old timber trusses which had outlived their usefulness.

### Bertie Township Overhead

This is a dual structure on the Queen Elizabeth Way and carries the highway over both the C. N. R. and M. C. R. R. tracks. It consists of a series of six continuous spans of 63 and 68 feet, made up of rolled steel girders. Each roadway is 36 feet wide between curbs. The spans are supported on reinforced concrete bents resting on hard clay foundations.

### Welland River and M. C. R. R. Overhead

This dual highway structure on the Queen Elizabeth Highway is 953 feet long, consisting of twelve 48-foot spans, three 72-foot spans and three 54-foot spans. The structure forms a vertical curve with three per cent. grades rising from each end to the railway. Provision is made for two extra future railway tracks. The banks of the river are of soft alluvial clay which necessitated extending the structure far enough to secure firm foundations for the high earth fill at each end. The spans are made up of rolled steel girders supporting concrete roadway slabs 36 feet wide between curbs. The spans are supported on reinforced concrete bents formed with two piers and cross-girder. The foundations consist of steel sheet piling driven to refusal and forming square cells which are filled with concrete above the ground level.

### Duffins Creek Bridge

This is a high-level bridge on the new four-lane highway east of Toronto. It consists of six reinforced concrete rigid frame spans, four of 70 feet and two end spans of 60 feet. Each roadway is 36 feet wide. The bridge spans Duffins Creek Valley, including the diverted creek and the township road leading south from the Village of Pickering. A new steel bridge of 80-foot span was built on the township road.

### Rouge River Bridge

A steel bridge has been built on the new four-lane highway. Previously a high earth fill was built across the valley and blasted into place through the soft yielding ground below. The bridge was built on three piers and two floating abutments

One of the bridges constructed of native timber between Hearst and Geraldton.

Partially completed section, at Nagogami River, of the highway between Hearst and Geraldton built on top of the earth fill. Two spans of 115′6″ each cantilever out a further 33 feet to form supports for 50-foot girder spans, the other end of which rest on the abutments. The foundations for the piers also consist of steel sheet piling which were spliced and welded to form lengths up to 80 feet long to reach a solid bearing. These form rectangular cells which were filled with concrete above the river bed, the sheet piling carrying the main vertical load. Each roadway is 36 feet wide.

### Exeter Bridge

This is a double 45-foot span reinforced concrete rigid frame bridge built on Highway No. 4 over River Au Sable. It replaces an old steel truss bridge, which failed under traffic.

### Whitney Bridge

This is a 100-foot, earth-filled concrete arch bridge on the newly constructed Highway No. 60 over the Madawaska River at Whitney.

### Laurier Bridge

This is a 50-foot reinforced concrete "horseshoe" arch bridge on Highway No. 21. This type of arch is built without wing-walls. The arch barrel is extended out to the full width of the road grade and sloped off to conform with the sides of the earth fill. The road grade is thus carried over the top of the arch.

A very large footage of timber trestle and timber truss bridges was constructed by the Division Engineers in the northern part of the province in maintaining roads in unorganized townships.

Plans were examined and approved for a number of bridges and culverts built by counties and townships in Old Ontario.

A schedule of all bridges constructed is shown in Appendix No. 4.

## REPORT ON THE WORK OF THE MUNICIPAL ROADS BRANCH FOR THE YEAR 1941

### J. A. P. Marshall, Chief Municipal Engineer

Since the passing of The Highway Improvement Act in 1901 and to the end of 1941 a total of $153,593,911.29 has been expended on construction and maintenance of county roads, of which the Province has contributed $73,035,776.05. This includes the county expenditure during 1941 on which the provincial subsidy was paid in 1942.

At the end of 1941 the Province was paying subsidies to the counties on 8,464 miles of county roads — approximately 15 per cent. of the total road mileage in the area covered by the County Road System.

Expenditure on county roads in 1941 was as follows:

| | Total Expenditure | Provincial Subsidy |
|---|---|---|
| **Construction:** | | |
| County Roads | $ 1,632,914.27 | $ 816,457.08 |
| **Maintenance:** | | |
| County Roads | $ 3,172,387.33 | $ 1,586,193.67 |
| Total Expenditure | $ 4,805,301.60 | $ 2,402,650.75 |

A completed section of the highway between Hearst and Geraldton

Weigh-scale house at the intersection of Highways Nos. 11 and 60, at Huntsville.

## Construction Work

The work on which the above expenditure was made included the following:

| | | |
|---|---|---|
| Gravel or Stone | 220.43 | Miles |
| Low-Cost Bituminous Surfaces | 119.44 | “ |
| Mixed Macadam and Asphaltic Concrete | 14.28 | “ |
| Cement Concrete | 3.3 | “ |
| Total | 357.28 | “ |
| Bridges Over 10-Foot Span | 27 | |
| Pipe and Tile Culverts | 912 | |
| Other Culverts | 120 | |

## Maintenance Work

| | | |
|---|---|---|
| Bituminous Surface Treatment | 400 | Miles |
| Dust-Prevention Treatment (Oil) | 85 | “ |
| Dust-Prevention Treatment (Calcium) | 1,861 | “ |
| Clay-Gravel Stabilization (Calcium) | 229 | “ |
| Gravel and Crushed Stone Resurfacing: | | |
| (a) Pitrun Gravel Applied | 149,722 | Cu. Yds. |
| (b) Crushed Gravel Applied | 444,681 | “ “ |
| (c) Crushed Stone Applied | 25,397 | “ “ |
| Snow Removal: | | |
| (a) Mileage of Road Kept Open with Mechanical Equipment | 7,182 | Miles |
| (b) Snow Fence Erected | 712 | “ |

## County Suburban Roads

The mileage of suburban roads is 807.4 miles. The expenditure at the end of 1941 amounted to $29,408,572.26, of which the cities and separated towns have contributed $7,702,048.98, or five per cent. of the total expenditure made on the County Road Systems.

In 1941 the expenditure on County Suburban Roads was $980,322.74, of which the province contributed $490,161.37 and the cities $245,080.68.

### EXPENDITURES ON SUBURBAN ROADS — 1941

| Name of County | Mileage | Totals | Government Grant 50% |
|---|---|---|---|
| Brant | 26.4 | $ 27,084.66 | $ 13,542.33 |
| Carleton | 90.0 | 111,899.38 | 55,949.69 |
| Elgin | 18.3 | 61,761.49 | 30,880.74 |
| Essex | 37.5 | 24,587.91 | 12,293.95 |
| Frontenac | 29.2 | 27,041.52 | 13,520.76 |
| Grey | 32.5 | 28,365.91 | 14,182.95 |
| Hastings | 4.0 | 1,865.02 | 932.51 |
| Kent | 9.5 | 3,890.36 | 1,945.18 |
| Lambton | 14.5 | 9,196.01 | 4,598.01 |
| Lanark | 6.0 | 8,737.19 | 4,368.59 |
| Leeds and Grenville: | | | |
| Smiths Falls | 5.1 | 654.50 | 327.25 |
| Brockville | 7.6 | 3,448.31 | 1,724.16 |
| Lincoln | 12.3 | 13,252.43 | 6,626.22 |
| Middlesex | 54.1 | 61,302.84 | 30,651.42 |
| Ontario | 16.2 | 15,554.71 | 7,777.35 |
| Oxford | 3.9 | 3,820.44 | 1,910.22 |
| Perth | 7.5 | 2,907.28 | 1,453.64 |
| Peterborough | 58.3 | 37,539.72 | 18,769.86 |
| Waterloo: | | | |
| Galt | 10.0 | 12,231.49 | 6,115.75 |
| Kitchener | 11.0 | 7,322.87 | 3,661.43 |
| Welland: | | | |
| Niagara Falls | 9.9 | 6,282.30 | 3,141.15 |
| Welland | 7.0 | 2,296.01 | 1,148.01 |
| Wellington | 23.5 | 10,198.31 | 5,099.15 |
| Wentworth | 56.0 | 69,209.41 | 34,604.71 |
| York | 257.1 | 429,872.67 | 214,936.34 |
| TOTALS | 807.4 | $ 980,322.74 | $ 490,161.37 |

Winter maintenance operations.

## Township Roads

For the year 1941 the government subsidized road expenditures in 566 townships, 2 provincial parks and 16 Indian reserves.

Expenditure on these roads in 1941 was as follows:

| | | |
|---|---|---|
| **Construction:** | | |
| Roads | $ 692,414.00 | |
| Bridges | 201,220.87 | |
| Miscellaneous | 166,504.30 | |
| Total Construction | | $ 1,060,139.17 |
| **Maintenance:** | | |
| Roads | $ 4,225,875.05 | |
| Bridges | 83,085.32 | |
| Miscellaneous | 83,187.20 | |
| Total Maintenance | | $ 4,392,147.57 |
| Total Approved Expenditure | | $ 5,452,286.74 |
| Provincial Subsidy | | $ 2,917,816.44 |

## Construction Work

The work on which the above expenditure was made included the following:

| | | |
|---|---|---|
| Gravel or Stone | 303.21 | Miles |
| Low-Cost Bituminous Surfaces | 19.81 | " |
| Mixed Macadam and Asphaltic Concrete | 4.40 | " |
| Total | 327.42 | " |
| Bridges Over 10-Foot Span | 164 | |
| Pipe and Tile Culverts | 2,026 | |
| Other Culverts | 1,263 | |

## Maintenance Work

| | | |
|---|---|---|
| Bituminous Surface Treatment | 103 | Miles |
| Dust-Prevention Treatment (Oil) | 229 | " |
| Dust-Prevention Treatment (Calcium) | 645 | " |
| Clay-Gravel Stabilization (Calcium) | 41 | " |
| Gravel and Crushed Stone Resurfacing: | | |
| (a) Pitrun Gravel Applied | 1,058,885 | Cu. Yds. |
| (b) Crushed Gravel Applied | 825,918 | " " |
| (c) Crushed Stone Applied | 161,119 | " " |
| Snow Removal: | | |
| (a) Mileage of Road Kept Open with Mechanical Equipment | 15,725 | Miles |
| (b) Snow Fence Erected | 659 | " |
| Weed Spraying | 685 | " |

## Indian Reserves

Christian Island Reserve became eligible for aid under The Highway Improvement Act during 1941 but no expenditures were reported. Of the 20 Reserves eligible, 16 reported expenditures totalling $35,678.46, on which the subsidy paid was $19,124.42.

| Indian Reserve | Expenditure |
|---|---|
| Alnwick | No Return |
| Cape Croker | $ 3,607.14 |
| Caradoc | 1,043.63 |
| Christian Island | No Return |
| Gibson | No Return |
| Kettle and Stony Point | 823.47 |
| Moravian | 355.70 |
| Mud Lake | 400.00 |
| New Credit | 2,489.34 |
| Parry Sound | 300.00 |
| Rama | No Return |
| Rice Lake | 241.70 |
| Sarnia | 807.37 |
| Saugeen | 729.15 |
| Shawanaga | 293.70 |
| Sheguiandah | 300.00 |
| Six Nations | 19,902.94 |
| Tyendinaga | 2,361.41 |
| Walpole Island | 1,365.00 |
| West Bay | 657.91 |
| Total | $ 35,678.46 |

# APPENDICES

## Nos. 1 to 9

## APPENDIX No. 1

## EXPENDITURE BY COUNTIES AND DISTRICTS

### April 1, 1941, to March 31, 1942

| County | Construction | Maintenance | Total |
|---|---|---|---|
| BRANT:— | | | |
| Highway No. 2 | | $ 90,584.40 | $ 90,584.40 |
| " No 5 | | 1,518.22 | 1,518.22 |
| " No. 24 | $ 400.00 | 9,902.64 | 10,302.64 |
| " No. 24A | | 5,905.07 | 5,905.07 |
| " No. 53 | 10,150.31 | 17,533.88 | 27,684.19 |
| " No. 54 | 1.53 | 12,130.43 | 12,131.96 |
| " No. 99 | | 3,534.25 | 3,534.25 |
| Blue Lake Road | | 1,267.69 | 1,267.69 |
| Silver Street | | 1,212.15 | 1,212.15 |
| | $ 10,551.84 | $ 143,588.73 | $ 154,140.57 |
| BRUCE:— | | | |
| Highway No. 4 | | $ 32,612.37 | $ 32,612.37 |
| " No. 6 | $ 13,577.72 | 58,672.40 | 72,250.12 |
| " No. 9 | | 12,134.08 | 12,134.08 |
| " No. 21 | (Cr.) 1,060.70 | 83,093.43 | 82,032.73 |
| " No. 86 | | 8,144.27 | 8,144.27 |
| | $ 12,517.02 | $ 194,656.55 | $ 207,173.57 |
| CARLETON:— | | | |
| Highway No. 15 | $ 1,015.47 | $ 23,810.41 | $ 24,825.88 |
| " No. 16 | 3,081.14 | 44,614.29 | 47,695.43 |
| " No. 17 | 140.00 | 33,356.54 | 33,496.54 |
| " No. 29 | | 5,132.98 | 5,132.98 |
| " No. 31 | 1,015.54 | 31,832.26 | 32,847.80 |
| " No. 44 | | 8,441.63 | 8,441.63 |
| | $ 5,252.15 | $ 147,188.11 | $ 152,440.26 |
| DUFFERIN:— | | | |
| Highway No. 9 | $ 4,026.43 | $ 14,393.09 | $ 18,419.52 |
| " No. 10 | | 22,900.76 | 22,900.76 |
| " No. 24 | | 19,251.91 | 19,251.91 |
| " No. 89 | | 15,581.97 | 15,581.97 |
| | $ 4,026.43 | $ 72,127.73 | $ 76,154.16 |
| ELGIN:— | | | |
| Highway No. 3 | | $ 62,961.77 | $ 62,961.77 |
| " No. 4 | $ 897.91 | 9,541.49 | 10,439.40 |
| " No. 19 | 2,133.09 | 11,206.12 | 13,339.21 |
| " No. 73 | | 8,171.90 | 8,171.90 |
| " No. 74 | 460.00 | 12,058.89 | 12,518.89 |
| " No. 75 | | 890.00 | 890.00 |
| " No. 76 | | 970.00 | 970.00 |
| " No. 77 | | 1,055.18 | 1,055.18 |
| | $ 3,491.00 | $ 106,855.35 | $ 110,346.35 |
| ESSEX:— | | | |
| Highway No. 2 | | $ 36,824.90 | $ 36,824.90 |
| " No. 2B | | 368.74 | 368.74 |
| " No. 3 | $ 420.95 | 21,133.09 | 21,554.04 |
| " No. 3B | | 4,792.23 | 4,792.23 |
| " No. 18 | | 22,497.10 | 22,497.10 |
| " No. 18A | | 28,801.69 | 28,801.69 |
| " No. 18B | | 1,050.97 | 1,050.97 |
| " No. 39 | 1.00 | 11,816.68 | 11,817.68 |
| " No. 98 | | 9,544.27 | 9,544.27 |
| " No. 98A | | 298.41 | 298.41 |
| Pelee Island | | 17,718.99 | 17,718.99 |
| | $ 421.95 | $ 154,847.07 | $ 155,269.02 |

| County | Construction | Maintenance | Total |
|---|---|---|---|
| FRONTENAC:— | | | |
| Highway No. 2 | $ 92,670.75 | $ 25,647.37 | $ 118,318.12 |
| " No. 7 | 25.97 | 28,968.19 | 28,994.16 |
| " No. 15 | | 251,372.40 | 251,372.40 |
| " No. 33 | | 5,685.81 | 5,685.81 |
| " No. 38 | 54.03 | 34,118.02 | 34,172.05 |
| " No. 95 | | 4,146.04 | 4,146.04 |
| " No. 96 | 50.12 | 12,558.08 | 12,608.20 |
| **Secondary Roads**— | | | |
| Highway No. 41—Myers Cave | | 990.12 | 990.12 |
| Clarendon Road | 164.21 | 2,579.01 | 2,743.22 |
| | $ 92,965.08 | $ 366,065.04 | $ 459,030.12 |
| GREY:— | | | |
| Highway No. 4 | $ 888.28 | $ 29,336.78 | $ 30,225.06 |
| " No. 6 | 162.58 | 68,610.23 | 68,772.81 |
| " No. 10 | 209.13 | 29,537.15 | 29,746.28 |
| " No. 21 | | 20,356.92 | 20,356.92 |
| " No. 24 | 5.65 | 6,852.56 | 6,858.21 |
| " No. 26 | | 16,725.22 | 16,725.22 |
| | $ 1,265.64 | $ 171,418.86 | $ 172,684.50 |
| HALDIMAND:— | | | |
| " No. 3 | 106.35 | $ 33,230.45 | $ 33,336.80 |
| " No. 6 | | 13,380.85 | 13,380.85 |
| " No. 54 | | 40,426.98 | 40,426.98 |
| " No. 56 | 45.00 | 5,678.28 | 5,723.28 |
| | $ 151.35 | $ 92,716.56 | $ 92,867.91 |
| HALTON:— | | | |
| Highway No. 2 | $ 156.46 | $ 10,153.13 | $ 10,309.59 |
| " No. 5 | 31.55 | 21,292.67 | 21,324.22 |
| " No. 7 | | 28,821.58 | 28,821.58 |
| " No. 25 | | 46,830.58 | 46,830.58 |
| Queen Elizabeth Way | 21,195.20 | 183,054.52 | 204,249.72 |
| | $ 21,383.21 | $ 290,152.48 | $ 311,535.69 |
| HASTINGS:— | | | |
| Highway No. 2 | $ 62.22 | $ 90,376.24 | $ 90,438.46 |
| " No. 7 | | 45,430.94 | 45,430.94 |
| " No. 14 | 976.79 | 26,468.65 | 27,445.44 |
| " No. 28 | | 6,554.15 | 6,554.15 |
| " No. 33 | 1,169.48 | 6,766.04 | 7,935.52 |
| " No. 37 | 101.61 | 30,534.69 | 30,636.30 |
| " No. 62 | 45,094.22 | 87,138.42 | 132,232.64 |
| **Secondary Roads**— | | | |
| Bancroft-Herman | | 485.94 | 485.94 |
| Birds Creek-Baptiste Lake | | 2,088.82 | 2,088.82 |
| Maynooth-Nipissing Boundary | | 2,206.47 | 2,206.47 |
| | $ 47,404.32 | $ 298,050.36 | $ 345,454.68 |

| County | Construction | Maintenance | Total |
|---|---|---|---|
| HURON:— | | | |
| Highway No. 4 | $ 24,315.49 | $ 48,994.62 | $ 73,310.11 |
| " No. 8 | 5,272.12 | 46,974.55 | 52,246.67 |
| " No. 9 | ............... | 563.29 | 563.29 |
| " No. 21 | 109,738.18 | 93,806.18 | 203,544.36 |
| " No. 23 | 1,396.56 | 3,138.21 | 4,534.77 |
| " No. 81 | ............... | 8,777.22 | 8,777.22 |
| " No. 83 | ............... | 17,392.57 | 17,392.57 |
| " No. 84 | 635.27 | 12,083.93 | 12,719.20 |
| " No. 86 | ............... | 24,811.45 | 24,811.45 |
| " No. 87 | ............... | 11,182.62 | 11,182.62 |
| | $ 141,357.62 | $ 267,724.64 | $ 409,082.26 |
| KENT:— | | | |
| Highway No. 2 | $ 99.10 | $ 93,434.52 | $ 93,533.62 |
| " No. 3 | ............... | 19,267.12 | 19,267.12 |
| " No. 21 | 1,576.81 | 2,733.91 | 4,310.72 |
| " No. 40 | ............... | 7,611.16 | 7,611.16 |
| " No. 78 | ............... | 2,611.34 | 2,611.34 |
| " No. 79 | ............... | 8,262.43 | 8,262.43 |
| " No. 98 | ............... | 850.33 | 850.33 |
| Middle Road-Tilbury to Blenheim | 5.07 | 33,839.88 | 33,844.95 |
| | $ 1,680.98 | $ 168,610.89 | $ 170,291.87 |
| LAMBTON:— | | | |
| Highway No. 7 | $ 89.92 | $ 32,354.11 | $ 32,444.03 |
| " No. 21 | 31,939.94 | 36,780.97 | 68,720.91 |
| " No. 22 | ............... | 1,983.19 | 1,983.19 |
| " No. 40 | 2,310.35 | 22,338.66 | 24,649.01 |
| " No. 79 | 1,578.63 | 47,410.54 | 48,989.17 |
| " No. 80 | ............... | 1,172.56 | 1,172.56 |
| " No. 82 | ............... | 12,634.63 | 12,634.63 |
| | $ 35,918.84 | $ 154,674.66 | $ 190,593.50 |
| LANARK:— | | | |
| Highway No. 7 | ............... | $ 14,005.88 | $ 14,005.88 |
| " No. 15 | ............... | 43,238.66 | 43,238.66 |
| " No. 29 | 199.13 | 29,759.99 | 29,959.12 |
| " No. 44 | ............... | 2,269.12 | 2,269.12 |
| **Secondary Roads**— | | | |
| Darling Township, North Line to South Line | 5,826.68 | 4,142.60 | 9,969.28 |
| | $ 6,025.81 | $ 93,416.25 | $ 99,442.06 |
| LEEDS AND GRENVILLE:— | | | |
| Highway No. 2 | $ 208.52 | $ 132,173.83 | $ 132,382.35 |
| " No. 15 | ............... | 22,504.41 | 22,504.41 |
| " No. 16 | ............... | 28,459.50 | 28,459.50 |
| " No. 29 | 69.60 | 19,119.10 | 19,188.70 |
| " No. 32 | ............... | 21,541.20 | 21,541.20 |
| " No. 42 | 73.55 | 28,827.30 | 28,900.85 |
| St. Lawrence River Road | 495,760.71 | 41,108.04 | 536,868.75 |
| **Secondary Roads**— | | | |
| Elgin-Chaffey's Locks | ............... | 886.25 | 886.25 |
| | $ 496,112.38 | $ 294,619.63 | $ 790,732.01 |

| County | Construction | Maintenance | Total |
|---|---|---|---|
| LENNOX AND ADDINGTON:— | | | |
| Highway No. 2 | | $ 15,516.45 | $ 15,516.45 |
| " No. 7 | | 10,975.89 | 10,975.89 |
| " No. 33 | 992.25 | 26,909.02 | 27,901.27 |
| " No. 41 | 65,109.49 | 70,349.21 | 135,458.70 |
| | $ 66,101.74 | $ 123,750.57 | $ 189,852.31 |
| LINCOLN:— | | | |
| Highway No. 8 | $ 3.65 | $ 34,383.49 | $ 34,387.14 |
| " No. 8A | | 2,198.14 | 2,198.14 |
| " No. 20 | 988.78 | 23,896.09 | 24,884.87 |
| " No. 57 | | 3,007.31 | 3,007.31 |
| " No. 58 | | 1,810.28 | 1,810.28 |
| Queen Elizabeth Way | 141,839.04 | 103,449.97 | 245,289.01 |
| | $ 142,831.47 | $ 168,745.28 | $ 311,576.75 |
| MIDDLESEX:— | | | |
| Highway No. 2 | $ 994.45 | $ 40,749.62 | $ 41,744.07 |
| " No. 4 | | 17,653.29 | 17,653.29 |
| " No. 7 | | 18,334.85 | 18,334.85 |
| " No. 22 | | 44,678.93 | 44,678.93 |
| " No. 23 | 431.89 | 5,491.85 | 5,923.74 |
| " No. 73 | 500.00 | 6,674.50 | 7,174.50 |
| " No. 74 | 1,348.08 | 2,233.86 | 3,581.94 |
| " No. 80 | | 8,246.36 | 8,246.36 |
| " No. 81 | | 35,207.51 | 35,207.51 |
| | $ 3,274.42 | $ 179,270.77 | $ 182,545.19 |
| NORFOLK:— | | | |
| Highway No. 3 | $ 808.70 | $ 19,530.39 | $ 20,339.09 |
| " No. 6 | | 3,244.12 | 3,244.12 |
| " No. 19 | 1,077.25 | 1,841.15 | 2,918.40 |
| " No. 24 | | 9,929.60 | 9,929.60 |
| " No. 59 | | 1,421.45 | 1,421.45 |
| | 1,885.95 | 35,966.71 | 37,852.66 |
| Long Point Park Road | 2,928.39 | | 2,928.39 |
| | $ 4,814.34 | $ 35,966.71 | $ 40,781.05 |
| NORTHUMBERLAND AND DURHAM:— | | | |
| Highway No. 2 | $ 2,037.23 | $ 87,216.56 | $ 89,253.79 |
| " No. 7A | 969.00 | 37,746.10 | 38,715.10 |
| " No. 28 | 1,991.67 | 23,289.21 | 25,280.88 |
| " No. 30 | 23,568.94 | 44,907.73 | 68,476.67 |
| " No. 33 | | 2,887.74 | 2,887.74 |
| " No. 35 | | 32,854.06 | 32,854.06 |
| " No. 45 | 1,790.00 | 31,493.09 | 33,283.09 |
| | $ 30,356.84 | $ 260,394.49 | $ 290,751.33 |

| County | Construction | Maintenance | Total |
|---|---|---|---|
| ONTARIO:— | | | |
| Highway No. 2 | $ 17,376.30 | $ 144,569.39 | $ 161,945.69 |
| " No. 7 | | 15,031.22 | 15,031.22 |
| " No. 7A | | 7,373.86 | 7,373.86 |
| " No. 12 | 2,984.99 | 63,769.87 | 66,754.86 |
| " No. 47 | 429.55 | 71,986.74 | 72,416.29 |
| " No. 48 | | 5,319.03 | 5,319.03 |
| " No. 69 | | 9,700.36 | 9,700.36 |
| Four-lane Highway York-Ontario County Line to Oshawa | 1,408,363.13 | | 1,408,363.13 |
| | $1,429,153.97 | $ 317,750.47 | $1,746,904.44 |
| OXFORD:— | | | |
| Highway No. 2 | $ 786.00 | $ 17,251.78 | $ 18,037.78 |
| " No. 3 | | 832.01 | 832.01 |
| " No. 19 | | 17,034.96 | 17,034.96 |
| " No. 53 | | 1,129.36 | 1,129.36 |
| " No. 59 | | 34,419.28 | 34,419.28 |
| " No. 97 | | 10,994.54 | 10,994.54 |
| Governor's Road | | 6,250.91 | 6,250.91 |
| Princeton North Road | | 324.20 | 324.20 |
| Thamesford Road | 142.22 | 9,761.70 | 9,903.92 |
| | $ 928.22 | $ 97,998.74 | $ 98,926.96 |
| PEEL:— | | | |
| Highway No. 2 | | $ 9,047.02 | $ 9,047.02 |
| " No. 5 | | 17,558.89 | 17,558.89 |
| " No. 7 | $ 107.22 | 22,448.97 | 22,556.19 |
| " No. 9 | 3.77 | 10,558.40 | 10,562.17 |
| " No. 10 | | 25,981.13 | 25,981.13 |
| " No. 24 | | 4,642.49 | 4,642.49 |
| " No. 50 | 23,411.70 | 20,893.96 | 44,305.66 |
| " No. 51 | | 1,250.31 | 1,250.31 |
| Queen Elizabeth Way | 41,369.54 | 87,646.05 | 129,015.59 |
| **Secondary Roads** | 40,785.66 | | 40,785.66 |
| | $ 105,677.89 | $ 200,027.22 | $ 305,705.11 |
| PERTH:— | | | |
| Highway No. 7 | $ 1,268.43 | $ 77,177.42 | $ 78,445.85 |
| " Nos. 7 and 8 | | 27,433.45 | 27,433.45 |
| " No. 8 | 178.76 | 22,569.12 | 22,747.88 |
| " No. 19 | | 21,738.39 | 21,738.79 |
| " No. 23 | 3,033.15 | 48,345.14 | 51,378.29 |
| " No. 83 | | 1,604.71 | 1,604.71 |
| " No. 86 | | 16,390.17 | 16,390.17 |
| Thamesford Road | | 863.53 | 863.53 |
| | $ 4,480.34 | $ 216,121.93 | $ 220,602.27 |

| County | Construction | Maintenance | Total |
|---|---|---|---|
| PETERBOROUGH:— | | | |
| Highway No. 7 | $ 2,381.75 | $ 60,127.66 | $ 62,509.41 |
| " No. 7A | | 919.52 | 919.52 |
| " No. 28 | 140,846.43 | 38,730.25 | 179,576.68 |
| " No. 30 | | 4,214.22 | 4,214.22 |
| " No. 36 | | 17,558.75 | 17,558.75 |
| " No. 45 | | 4,749.52 | 4,749.52 |
| **Secondary Roads** | | | |
| Apsley-Haliburton County Line,<br>Apsley-Loon Lake,<br>Highway No. 36—Catchacoma Lake-Haliburton County Line | 1,599.23 | 49,232.45 | 50,831.68 |
| Connecting Links | | 139.50 | 139.50 |
| | $ 144,827.41 | $ 175,671.87 | $ 320,499.28 |
| PRESCOTT AND RUSSELL:— | | | |
| Highway No. 17 | (Cr.) 1,609.06 | 70,276.92 | 68,667.86 |
| " No. 34 | 977.97 | 6,467.47 | 7,445.44 |
| | $ (Cr.) 631.09 | $ 76,744.39 | $ 76,113.30 |
| PRINCE EDWARD:— | | | |
| Highway No. 14 | | $ 146,625.51 | $ 146,625.51 |
| " No. 33 | $ 84,439.76 | 27,261.37 | 111,701.13 |
| " No. 41 | | 9,154.04 | 9,154.04 |
| Connecting Links | | 108.10 | 108.10 |
| | $ 84,439.76 | $ 183,149.02 | $ 267,588.78 |
| RENFREW:— | | | |
| Highway No. 17 | $ 2,008.51 | $ 134,105.66 | $ 136,114.17 |
| " No. 29 | | 304.58 | 304.58 |
| " No. 41 | 87,454.27 | 30,003.64 | 117,457.91 |
| " No. 60 | 218,952.72 | 78,642.63 | 297,595.35 |
| " No. 62 | | 12,940.06 | 12,940.06 |
| Highway No. 17 to Douglas and Eganville | | 27,028.06 | 27,028.06 |
| **Secondary Roads**— | | | |
| Combermere-Hastings Boundary | | 223.19 | 223.19 |
| Combermere-Quadeville | | 3,745.97 | 3,745.97 |
| Killaloe-Round Lake | | 860.08 | 860.08 |
| Brudenall-Killaloe | | 712.22 | 712.22 |
| Dacre-Hyndford | | 3,349.16 | 3,349.16 |
| Griffith-Black Donald Mine | | 1,070.69 | 1,070.69 |
| Dacre-Shamrock | 43,423.16 | 1,589.79 | 45,012.95 |
| Eganville-Cormac | | 2,717.70 | 2,717.70 |
| Burnstown-Black Donald,<br>Calabogie to Lanark Cty. Line | 1,419.62 | 9,481.33 | 10,900.95 |
| | $ 353,258.28 | $ 306,774.76 | $ 660,033.04 |

| County | Construction | Maintenance | Total |
|---|---|---|---|
| SIMCOE:— | | | |
| Highway No. 9 | | $ 9,035.27 | $ 9,035.27 |
| " No. 11 | $ 658.85 | 64,610.64 | 65,269.49 |
| " No. 12 | 4,627.76 | 53,613.42 | 58,241.18 |
| " No. 24 | 536.10 | 21,113.71 | 21,649.81 |
| " No. 26 | 96.94 | 26,013.29 | 26,110.23 |
| " No. 27 | | 122,127.94 | 122,127.94 |
| " No. 88 | | 3,307.19 | 3,307.19 |
| " No. 89 | 636.30 | 31,049.73 | 31,686.03 |
| " No. 90 | 1,456.65 | 16,182.17 | 17,638.82 |
| " No. 91 | | 6,600.77 | 6,600.77 |
| " No. 92 | | 39,527.47 | 39,527.47 |
| " No. 93 | 524.85 | 18,552.77 | 19,077.62 |
| **Secondary Roads**— | | | |
| Lawson-Port Severn | | 1,151.77 | 1,151.77 |
| | $ 8,537.45 | $ 412,886.14 | $ 421,423.59 |
| STORMONT, DUNDAS AND GLENGARRY:— | | | |
| Highway No. 2 | $ 989.10 | $ 75,003.64 | $ 75,992.74 |
| " No. 31 | | 12,494.22 | 12,494.22 |
| " No. 34 | | 13,192.64 | 13,192.64 |
| " No. 43 | 5,928.98 | 53,816.77 | 59,745.75 |
| | $ 6,918.08 | $ 154,507.27 | $ 161,425.35 |
| VICTORIA:— | | | |
| Highway No. 7 | $ 1,147.36 | $ 19,278.52 | $ 20,425.88 |
| " No. 35 | 2,658.65 | 82,490.81 | 85,149.46 |
| " No. 36 | 5,312.94 | 26,808.95 | 32,121.89 |
| " No. 46 | 1,093.70 | 32,934.36 | 34,028.06 |
| **Secondary Roads**— | | | |
| Highway No. 46 to Seabright and Uphill | | 14,683.00 | 14,683.00 |
| Uphill to Norland, Norland to Kinmount | | 3,030.72 | 3,030.72 |
| Bobcaygeon to Kinmount, Burnt River Road | | 16,748.52 | 16,748.52 |
| Connecting Links | | 424.91 | 424.91 |
| | $ 10,212.65 | $ 196,399.79 | $ 206,612.44 |
| WATERLOO:— | | | |
| Highway No. 7 | | $ 4,731.75 | $ 4,731.75 |
| " Nos. 7 and 8 | | 15,095.92 | 15,095.92 |
| " No. 8 | $ 389.47 | 9,226.57 | 9,616.04 |
| " No. 24 | | 4,942.12 | 4,942.12 |
| " No. 24A | | 2,826.54 | 2,826.54 |
| " No. 85 | | 6,729.62 | 6,729.62 |
| " No. 86 | | 13,545.68 | 13,545.68 |
| " No. 97 | | 18,511.76 | 18,511.76 |
| | $ 389.47 | $ 75,609.96 | $ 75,999.43 |
| WELLAND:— | | | |
| Highway No. 3 | | $ 33,948.07 | $ 33,948.07 |
| " No. 3A | $ 48.00 | 29,715.35 | 29,763.35 |
| " No. 3C | 36.37 | 3,595.70 | 3,632.07 |
| " No. 8 | | 2,397.25 | 2,397.25 |
| " No. 20 | | 24,601.22 | 24,601.22 |
| " No. 57 | 14,351.48 | 3,893.10 | 18,244.58 |
| " No. 58 | | 7,687.85 | 7,687.85 |
| Queen Elizabeth Way | 889,174.61 | 41,096.63 | 930,271.24 |
| Rainbow Bridge Approach | 1,405,840.18 | 817.01 | 1,406,657.19 |
| | $ 2,309,450.64 | $ 147,752.18 | $ 2,457,202.82 |

| County | Construction | Maintenance | Total |
|---|---|---|---|
| WELLINGTON:— | | | |
| Highway No. 6 | $ 33.20 | $ 47,507.85 | $ 47,541.05 |
| " No. 7 | | 10,148.79 | $ 10,148.79 |
| " No. 9 | 1,119.06 | 15,928.18 | 17,047.24 |
| " No. 23 | | 1,701.16 | 1,701.16 |
| " No. 24 | | 19,451.32 | 19,451.32 |
| " No. 86 | | 13,254.11 | 13,254.11 |
| " No. 87 | | 3,721.28 | 3,721.28 |
| | $ 1,152.26 | $ 111,712.69 | $ 112,864.95 |
| WENTWORTH:— | | | |
| Highway No. 2 | $ 47,141.68 | $ 17,442.51 | $ 64,584.19 |
| " No. 5 | | 91,141.70 | 91,141.70 |
| " No. 6 | 4,197.72 | 19,145.26 | 23,342.98 |
| " No. 8 | 264.08 | 76,827.13 | 77,091.21 |
| " No. 8D- | 4,232.46 | 2,190.73 | 6,423.19 |
| " No. 20 | 819.01 | 10,068.17 | 10,887.18 |
| " No. 20A | 209.76 | 1,069.94 | 1,279.70 |
| " No. 52 | 2.55 | 17,865.37 | 17,867.92 |
| " No. 53 | 8.65 | 7,477.15 | 7,485.80 |
| " No. 55 | | 2,083.46 | 2,083.46 |
| " No. 56 | | 2,212.31 | 2,212.31 |
| " No. 97 | | 10,790.42 | 10,790.42 |
| " No. 99 | | 18,755.85 | 18,755.85 |
| Queen Elizabeth Way | 56,878.00 | 37,452.16 | 94,330.16 |
| | $ 113,753.91 | $ 314,522.16 | $ 428,276.07 |
| YORK:— | | | |
| Highway No. 2 | $ 7,109.62 | $ 59,914.45 | $ 67,024.07 |
| " No. 5 | | 8,526.87 | 8,526.87 |
| " No. 5A | | 25,349.13 | 25,349.13 |
| " No. 7 | 2,538.31 | 93,767.91 | 96,306.22 |
| " No. 9 | | 2,792.21 | 2,792.21 |
| " No. 11 | 30,899.07 | 88,012.96 | 118,912.03 |
| " No. 27 | | 109,677.99 | 109,677.99 |
| " No. 47 | | 2,395.66 | 2,395.66 |
| " No. 49 | | 1,282.82 | 1,282.82 |
| Queen Street from Lake Shore Road to Brown's Line | | 1,640.69 | 1,640.69 |
| Queen Elizabeth Way | 166,297.92 | 29,650.48 | 195,948.40 |
| Four-lane Highway-West Hill to York-Ontario County Line | 70,708.08 | | 70,708.08 |
| **Secondary Roads** | 28,110.24 | | 28,110.24 |
| Connecting Links | | 539.34 | 539.34 |
| | $ 305,663.24 | $ 423,550.51 | $ 729,213.75 |

| Districts | Construction | Maintenance | Total |
|---|---|---|---|
| DISTRICT OF HALIBURTON:— | | | |
| Highway No. 28 | $ 223.60 | $ 4,616.38 | $ 4,839.98 |
| " No. 35 | 2,961.06 | 80,555.18 | 83,516.24 |
| " No. 60 | | 6,181.16 | 6,181.16 |
| **Secondary Roads**— | | | |
| Haliburton-Redstone Lake | 61.81 | 16,350.96 | 16,412.77 |
| Minden-Kinmount | 2.25 | 2,833.43 | 2,835.68 |
| Haliburton-Wilberforce | | 10,854.92 | 10,854.92 |
| Kinmount-Wilberforce | | 6,913.16 | 6,913.16 |
| TOWNSHIP OF SHELBORNE:— | | | |
| Trail to Forest Demonstration Area | 10,042.93 | | 10,042.93 |
| | $ 13,291.65 | $ 128,305.19 | $ 141,596.84 |
| DISTRICT OF MUSKOKA:— | | | |
| Highway No 11 | $ 5,972.04 | $ 114,927.62 | $ 120,899.66 |
| " No. 35 | | 19,513.23 | 19,513.23 |
| " No. 60 | | 96,316.99 | 96,316.99 |
| " No. 69 | 294.66 | 116,842.54 | 117,137.20 |
| **Secondary Roads**— | | | |
| Bracebridge-Glen Orchard | 25,019.09 | | 25,019.09 |
| Bracebridge-Dorset | | 36,405.61 | 36,405.61 |
| Huntsville-Baysville | | 24,701.87 | 24,701.87 |
| Rosseau, Utterson, Windermere | 15,352.85 | 20,023.16 | 35,376.01 |
| **Township Roads** | | 13,415.86 | 13,415.86 |
| | $ 46,638.64 | $ 442,146.88 | $ 488,785.52 |
| DISTRICT OF PARRY SOUND:— | | | |
| Highway No. 11 | 2,443.08 | 62,957.59 | 65,400.67 |
| " No. 69 | 99,881.50 | 82,543.69 | 182,425.19 |
| **Secondary Roads**— | | | |
| Rosseau-Hayes Corners | | 10,728.41 | 10,728.41 |
| Emsdale-Parry Sound | | 16,020.86 | 16,020.86 |
| Burks Falls-Parry Sound | 31.62 | 64,769.60 | 64,801.22 |
| Dunchurch-Ardbeg | | 2,401.92 | 2,401.92 |
| Sundridge-Magnetawan | | 10,170.34 | 10,170.34 |
| Trout Creek-Loring | | 29,694.05 | 29,694.05 |
| Powassan-Restoule | 5.59 | 32,195.53 | 32,201.12 |
| **Township Roads** | 19,999.71 | 26,133.95 | 46,133.66 |
| | $ 122,361.50 | $ 337,615.94 | $ 459,977.44 |
| DISTRICT OF NIPISSING:— | | | |
| Highway No. 11 | $ 7,632.44 | $ 47,543.14 | $ 55,175.58 |
| " No. 17 | 139,745.52 | 196,757.33 | 336,502.85 |
| " No. 60 | 210,039.50 | 56,420.13 | 266,459.63 |
| " No. 63 | 56.60 | 28,670.50 | 28,727.10 |
| " No. 64 | 3,091.50 | 14,198.13 | 17,289.63 |
| " No. 94 | 5.50 | 9,557.10 | 9,562.60 |
| **Secondary Roads**— | | | |
| Madawaska-Hastings Boundary | | $ 1,337.62 | $ 1,337.62 |
| Whitney-Hastings Boundary | | 4,890.62 | 4,890.62 |
| Field-River Valley-Afton Mine | 1,246.45 | 2,811.76 | 4,058.21 |
| Warren-River Valley | 3.95 | 1,611.84 | 1,615.79 |
| Mattawa-Harrington Creek | | 474.90 | 474.90 |
| Highway No. 11-Airport (North Bay) | | 18,486.00 | 18,486.00 |
| Verner to Lavigne | | 5,614.40 | 5,614.40 |
| Hagar-Rutter-Bigwood-Wolseley Bay | | 16,219.50 | 16,219.50 |
| **Township Roads** | 4,533.08 | 22,159.40 | 26,692.48 |
| | $ 366,354.54 | $ 426,752.37 | $ 793,106.91 |

| District | Construction | Maintenance | Total |
|---|---|---|---|
| DISTRICT OF TEMISKAMING:— | | | |
| Highway No. 11 | $ 773,591.84 | $ 113,834.02 | $ 887,425.86 |
| " No. 65 | 870.31 | 78,238.62 | 79,108.93 |
| **Secondary Roads**— | | | |
| Lorrain Road | | 2,426.63 | 2,426.63 |
| Haileybury West Road | 211.12 | 5,162.69 | 5,373.81 |
| North Temiskaming Road | | 9,372.91 | 9,372.91 |
| North Road | | 6,079.22 | 6,079.22 |
| McCool-Thornloe-Earlton Road | | 2,041.64 | 2,041.64 |
| Charlton Road | 1,034.73 | 4,170.61 | 5,205.34 |
| Boston Creek and Spurs | | 686.83 | 686.83 |
| Charlton-Elk Lake Road | | 3,661.82 | 3,661.82 |
| Gowganda Road with Spurs | | 8,692.05 | 8,692.05 |
| Ashley Road | | 3,302.80 | 3,302.80 |
| Old Highway No. 11 | | 867.03 | 867.03 |
| **Township Roads** | 23,854.51 | 3,188.40 | 27,042.91 |
| | $ 799,562.51 | $ 241,725.27 | $1,041,287.78 |
| DISTRICT OF SOUTH COCHRANE:— | | | |
| Highway No. 11 | $ 6,608.33 | $ 111,644.43 | $ 118,252.76 |
| " No. 66 | 821.24 | 80,019.62 | 80,840.86 |
| " No. 67 | 62,135.39 | 30,573.07 | 92,708.46 |
| " No. 67A | 208,515.52 | 28,517.37 | 237,032.89 |
| **Secondary Roads**— | | | |
| Highway No. 11, 1 mile east of Matheson to Ramore-Ross Mine | | 324.62 | 324.62 |
| Shillington-Iroquois | | 1,504.55 | 1,504.55 |
| Munro Road | | 1,749.93 | 1,749.93 |
| Bayside Beach Road | 293.25 | 2,467.55 | 2,760.80 |
| Highway No. 67A to Naybob, Delnite, Aunor and Disantes Mines | | 1,142.36 | 1,142.36 |
| Timmins Back Road | 7,799.74 | 12,602.62 | 20,402.36 |
| Sandy Falls-West Road | | 3,607.43 | 3,607.43 |
| Bidgood Road | | 25.06 | 25.06 |
| Sesekinika Road | | 24.45 | 24.45 |
| Ross Mine Road | 1,265.48 | 4,545.67 | 5,811.15 |
| Coulson Road | | 2.04 | 2.04 |
| Connaught-Hoyle Road | | 277.85 | 277.85 |
| **Township Roads** | 12,116.38 | 13,520.41 | 25,636.79 |
| | $ 299,555.33 | $ 292,549.03 | $ 592,104.36 |
| DISTRICT OF NORTH COCHRANE:— | | | |
| Highway No. 11 | $3,768,670.29 | $ 197,180.25 | $3,965,850.54 |
| " No. 67 | | 6,621.25 | 6,621.25 |
| **Secondary Roads**— | | | |
| Nellie Lake Road | | 1,457.35 | 1,457.35 |
| Monteith Road | 18,241.63 | 959.75 | 19,201.38 |
| Norembega Road | | 7,454.72 | 7,454.72 |
| Gardiner Road | | 4,388.88 | 4,388.88 |
| Remi Lake Road | | 1,235.95 | 1,235.95 |
| Casgrain Lake Road | | 1,693.15 | 1,693.15 |
| Hearst-Ryland Road | | 1,744.15 | 1,744.15 |
| Hearst-Coppell Road | | 5,613.56 | 5,613.56 |
| Genier Road | | 1,536.25 | 1,536.25 |
| **Township Roads** | | 66,778.60 | 66,778.60 |
| | $3,786,911.92 | $ 296,663.86 | $4,083,575.78 |

| District | Construction | Maintenance | Total |
|---|---|---|---|
| DISTRICT OF SUDBURY:— | | | |
| Highway No. 17 | $ 111,027.91 | $ 98,083.28 | $ 209,111.19 |
| " No. 69 | 5,863.32 | 24,370.31 | 30,233.63 |
| **Secondary Roads**— | | | |
| Sudbury-Coniston (Old Road) | .55 | 214.40 | 214.95 |
| Sudbury-Long Lake | 7,375.98 | 17,314.64 | 24,690.62 |
| Sudbury-Levack-Cartier-Benny | 33,819.53 | 57,449.49 | 91,269.02 |
| Sudbury-Capreol-Milnet | 175,753.02 | 25,534.86 | 201,287.88 |
| Sudbury-Falconbridge | 1,487.59 | 4,646.74 | 6,134.33 |
| Trout Lake-Copper Cliff | | 96.36 | 96.36 |
| Garson-Skead | | 6,274.85 | 6,274.85 |
| Sudbury-Frood | | 863.75 | 863.75 |
| Copper Cliff-Creighton | | 1,318.07 | 1,318.07 |
| Whitefish-Lake Penage | | 5,544.58 | 5,554.58 |
| Highway No. 17 to Creighton Road | | 1,320.99 | 1,320.99 |
| Chapleau-Iron Bridge | | 84.00 | 84.00 |
| Foleyet-Ivanhoe Lake | | 591.76 | 591.76 |
| Hagar North | | 1,892.29 | 1,892.29 |
| Chelmsford-Blezard | | 941.09 | 941.09 |
| Old Garson Road (Capreol to Falconbridge Road) | | 209.13 | 209.13 |
| **Township Roads** | 1,017.87 | 27,522.04 | 28,539.91 |
| Mining Roads | 19,905.10 | 5,207.21 | 25 112.34 |
| | $ 356,250.87 | $ 279,479.87 | $ 635,730.74 |
| DISTRICT OF ALGOMA-MANITOULIN:— | | | |
| Highway No. 17 | $ 7 651.11 | $ 204,958.70 | $ 212,609.81 |
| " No. 68 | 7,874.50 | 35,668.41 | 43,542.91 |
| **Secondary Roads**— | | | |
| Little Current-South Bay | | 28,453.88 | 28,453.88 |
| Little Current-Meldrum Bay | | 25,853.09 | 25,853.09 |
| Gore Bay-Providence Bay-Mindemoya | | 13,072.28 | 13,072.28 |
| West Bay-Mindemoya-Tehkummah | | 3,068.47 | 3,068.47 |
| Providence Bay-Tehkummah | | 1.705.00 | 1,705.00 |
| Lake Penage Road | | 722.65 | 722.65 |
| Sauble River Road (Massey to Ritchie Falls) | | 1,287.80 | 1,287.80 |
| Massey to Georgian Bay | | 69.90 | 69.90 |
| Blind River-Lake Duborne | | 227.15 | 227.15 |
| Blind River-Lake Matinenda | | 187.33 | 187.33 |
| Iron Bridge-Aubrey Falls | | 11,248.08 | 11,248.08 |
| White River Road | | 2,038.35 | 2,038.35 |
| Thessalon-Hooverville | | 1,644.70 | 1,644.70 |
| Bruce Mines-Dunn's Valley | | 4,841.70 | 4,841.70 |
| St. Joseph Island Roads | | 32,113.77 | 32,113.77 |
| **Township Roads** | .40 | 19,468.98 | 19,469.38 |
| | $ 15,526.01 | $ 386,630.24 | $ 402,156.25 |

| District | Construction | Maintenance | Total |
|---|---|---|---|
| DISTRICT OF SAULT STE. MARIE:— | | | |
| Highway No. 17 | $ 97,283.05 | $ 84,794.76 | $ 182,077.81 |
| **Secondary Roads**— | | | |
| Sault Ste. Marie-Gros Cap | | 25,494.97 | 25,494.97 |
| Gros Cap Road-Point Aux Pins | | 680.77 | 680.77 |
| Highway No. 17-Searchmont | | 4,671.67 | 4,671.67 |
| Highway No. 17-Bellevue | | 153.60 | 153.60 |
| Highway No. 17-Goulais River and White Birches | | 2,018.35 | 2,018.35 |
| Hornepayne (East and West) | | 1,043.81 | 1,043.81 |
| Michipicoten Roads | | 4,039.42 | 4,039.42 |
| Goudreau-Lochalsh | | 1,893.20 | 1,893.20 |
| **Township Roads** | | 3,106.27 | 3,106.27 |
| Mining Roads | | 1,177.42 | 1,177.42 |
| | $ 97,283.05 | $ 129,074.24 | $ 226,357.29 |
| DISTRICT OF PORT ARTHUR:— | | | |
| Highway No. 11 | $4,199,750.97 | $ 97,929.65 | $4,297,680.62 |
| " No. 17 | 3,357.21 | 63,544.40 | 66,901.61 |
| " No. 17A | 328.33 | 22,589.80 | 22,918.13 |
| **Secondary Roads**— | | | |
| Oliver Road | | 34,018.66 | 34,018.66 |
| Dawson Road | | 15,794.11 | 15,794.11 |
| Silver Island Road | | 4,901.97 | 4,901.97 |
| **Township Roads** | | 23,029.39 | 23,029.39 |
| | $4,203,436.51 | $ 261,807.98 | $4,465,244.49 |
| DISTRICT OF FORT WILLIAM:— | | | |
| Highway No. 17 | $ 25,224.90 | $ 107,495.66 | $ 132,720.56 |
| " No. 61 | 22.00 | 17,201.58 | 17,223.58 |
| **Secondary Roads**— | | | |
| Stanley to Round Lake | | 19,138.74 | 19,138.74 |
| Kakabeka to Nolala | | 13,555.57 | 13,555.57 |
| O'Connor to International Highway | | 19,169.65 | 19,169.65 |
| Pearson-Pardee Loop | | 10,062.58 | 10,062.58 |
| Highway No. 17 to Ardeen Mine | | 3,890.45 | 3,890.45 |
| Silver Mountain Road to International Highway | | 2,297.88 | 2,297.88 |
| Hymers-Scobel Road | 106.13 | | 106.13 |
| **Township Roads** | | 27,295.62 | 27,295.62 |
| Mining Roads | 3,980.09 | | 3,980.09 |
| | $ 29,333.12 | $ 220,107.73 | $ 249,440.85 |
| DISTRICT OF KENORA:— | | | |
| Highway No. 17 | $ 64,149.65 | $ 164,983.80 | $ 229,133.45 |
| " No. 70 | 3,269.49 | 106,234.95 | 109,504.44 |
| " No. 72 | 20,994.74 | 15,672.65 | 36,667.39 |
| **Secondary Roads**— | | | |
| Dyment Road | | 403.17 | 403.17 |
| Rice Lake Loop Road | | 4,231.30 | 4,231.30 |
| Richam Road | 4,076.86 | 4,401.35 | 8,478.21 |
| Eton-Rugby Road | 11,547.15 | 1,498.50 | 13,045.65 |
| South Aubrey Road | 4,078.62 | 4,814.72 | 8,893.34 |
| Quibell Road | | 3,237.70 | 3,237.70 |

| District | Construction | Maintenance | Total |
|---|---|---|---|
| Kenora:- (Con't) | | | |
| East Melick Road | 98.84 | 4,701.03 | 4,799.87 |
| Rabbit Lake Road | 9.95 | 2,435.44 | 2,445.39 |
| Redditt Road | 11.90 | 6,728.88 | 6,740.78 |
| Lac Lu Loop Road | 499.21 | 7,420.07 | 7,919.28 |
| **Township Roads** | 57,467.08 | 21,887.24 | 79,354.32 |
| Mining Roads | ........ | 66.30 | 66.30 |
| | $ 166,203.49 | $ 348,717.10 | $ 514,920.59 |
| District of Rainy River:— | | | |
| Highway No. 70 | $ 68,381.42 | $ 63,441.09 | $ 131,822.51 |
| " No. 70A | ........ | 8,181.55 | 8,181.55 |
| " No. 71 | 22,416.96 | 84,519.28 | 106,936.24 |
| **Secondary Roads**— | | | |
| Crozier Road | ........ | 4,357.89 | 4,357.89 |
| Devlin Road | ........ | 5,396.81 | 5,396.81 |
| Clearwater Lake | ........ | 2,381.36 | 2,381.36 |
| Stratton | ........ | 5,645.18 | 5,645.18 |
| Arbor Vitae | ........ | 17,606.91 | 17,606.91 |
| Sleeman | ........ | 24,690.94 | 24,690.94 |
| Spohn-Dearlock | ........ | 23,588.69 | 23,588.69 |
| River | 22,082.20 | 19,013.17 | 41,095.37 |
| **Township Roads** | ........ | 6,676.83 | 6,676.83 |
| | $ 112,880.58 | $ 265,499.70 | $ 378,380.28 |
| Stock | ........ | 136,815.91 | 136,815.91 |
| Lands and Buildings | 76,055.70 | 61,840.82 | 137,896.32 |
| Division Offices' Expense, Engineering, etc. | ........ | 384,396.59 | 384,396.59 |
| Road Surveys | 217,831.21 | ........ | 217,831.21 |
| General Expense, etc. | 11,741.45 | 287,557.89 | 299,299.34 |
| GRAND TOTAL | $16,727,334.99 | $12,123,706.44 | $28,851,041.43 |

## APPENDIX No. 2

## GROSS EXPENDITURE BY ROADS

### April 1st, 1941, to March 31st, 1942

| Highway No. | Location | Mileage | Construction | Maintenance | Total |
|---|---|---|---|---|---|
| 2 | Windsor-Quebec Boundary | 541.1 | $ 169,631.43 | $ 945,905.81 | $ 1,115,537.24 |
| 2B | Highway No. 2 (Howard Avenue to Highway No. 3 (Dougall Avenue) | 5.89 | ............... | 368.74 | 368.74 |
| 3 | Windsor-Fort Erie | 260. | 1,336.00 | 190,902.90 | 192,238.90 |
| 3A | Chambers Corners-St. Catharines | 19.8 | 48.00 | 29,715.35 | 29,763.35 |
| 3B | Junction Highway No. 3-Windsor | 6. | ............... | 4,792.23 | 4,792.23 |
| 3C | Ridgeway-Fort Erie | 7.5 | 36.37 | 3,595.70 | 3,632.07 |
| 4 | Port Stanley-Flesherton | 155.5 | 26,101.68 | 138,138.55 | 164,240.23 |
| 5 | Toronto-Paris | 64.1 | 31.55 | 140,038.35 | 140,069.90 |
| 5A | Leaside-Kingston Road | 8.4 | ............... | 25,349.13 | 25,349.13 |
| 6 | Port Dover-Tobermory | 225.1 | 17,971.22 | 210,560.71 | 228,531.93 |
| 7 | Sarnia-Ottawa | 165. | 7,558.96 | 509,037.13 | 516,596.09 |
| 7A | Manchester-Peterborough | 42. | 969.00 | 46,039.48 | 47,008.48 |
| 8 | Niagara Falls-Goderich | 155.7 | 6,108.08 | 207,474.03 | 213,582.11 |
| 8A | St. David-Niagara Falls | 2.96 | ............... | 2,198.14 | 2,198.14 |
| 8D | Dundas Diversion-Junction Highway No. 2 | 2. | 4,232.46 | 2,190.73 | 6,423.19 |
| 9 | Schomberg-Kincardine | 112.8 | 5,149.26 | 65,404.52 | 70,553.78 |
| 10 | Port Credit-Owen Sound | 105. | 209.13 | 78,419.04 | 78,628.17 |
| 11 | Toronto-Hearst-Geraldton-Nipigon | 903.85 | 8,796,226.91 | 898,640.30 | 9,694,867.21 |
| 12 | Whitney-Midland | 97.7 | 7,612.75 | 117,383.29 | 124,996.04 |
| 14 | Picton-Marmora | 51.4 | 976.79 | 173,094.16 | 174,070.95 |
| 15 | Ottawa-Kingston | 131. | 1,015.47 | 340,925.88 | 341,941.35 |
| 16 | Ottawa-Prescott | 62.3 | 3,081.14 | 73,073.79 | 76,154.93 |
| 17 | Quebec Bdry.-Montreal River and Schreiber to Manitoba Bdry | 1133.7 | 448,978.80 | 1,158,357.05 | 1,607,335.85 |
| 17A | Port Arthur-Highway No. 17 | 21. | 328.33 | 22,589.80 | 22,918.13 |
| 18 | Leamington-Windsor | 49. | ............... | 22,497.10 | 22,497.10 |
| 18A | Kingsville-Highway No. 18 | 18. | ............... | 28,801.69 | 28,801.69 |
| 18B | Ruthven-Highway No. 18 | 1. | ............... | 1,050.97 | 1,050.97 |
| 19 | Port Burwell-Tralee | 92.2 | 3,210.34 | 51,820.62 | 55,030.96 |
| 20 | Niagara Falls-Burlington | 53.3 | 1,807.79 | 58,565.48 | 60,373.27 |
| 20A | Highway No. 20 to Hamilton | 1.36 | 209.76 | 1,069.94 | 1,279.70 |
| 21 | Morpeth-Owen Sound | 207. | 142,194.23 | 236,771.41 | 378,965.64 |
| 22 | London-Sarnia | 66.8 | ............... | 46,662.12 | 46,662.12 |
| 23 | London-Arthur | 86.3 | 4,861.60 | 58,676.36 | 63,537.96 |
| 24 | Port Dover-Collingwood | 143.4 | 941.75 | 96,086.35 | 97,028.10 |
| 24A | Paris-Galt | 13.1 | ............... | 8,731.61 | 8,731.61 |
| 25 | Burlington-Acton | 29.8 | ............... | 46,830.58 | 46,830.58 |
| 26 | Barrie-Owen Sound | 74.6 | 96.94 | 42,738.51 | 42,835.45 |
| 27 | Long Branch-Midland-Penetang | 91.8 | ............... | 231,805.93 | 231,805.93 |
| 28 | Port Hope-Apsley | 67.9 | 143,061.70 | 73,189.99 | 216,251.69 |
| 29 | Brockville-Arnprior | 76.4 | 268.73 | 54,316.65 | 54,585.38 |
| 30 | Brighton-Havelock | 32. | 23,568.94 | 49,121.95 | 72,690.89 |
| 31 | Morrisburg-Ottawa | 48.4 | 1,015.54 | 44,326.48 | 45,342.02 |
| 32 | Gananoque-Smith's Falls | 47.9 | ............... | 21,541.20 | 21,541.20 |
| 33 | Marmora-Trenton-Kingston | 101.3 | 86,601.49 | 69,509.98 | 156,111.47 |
| 34 | Lancaster-Hawkesbury | 38.1 | 977.97 | 19,660.11 | 20,638.08 |
| 35 | Newcastle-Huntsville | 144.2 | 5,619.71 | 215,413.28 | 221,032.99 |
| 36 | Lindsay-Burleigh Falls | 47.5 | 5,312.94 | 44,367.70 | 49,680.64 |
| 37 | Belleville-Actinolite | 29.3 | 101.61 | 30,534.69 | 30,636.30 |
| 38 | Kingston-Sharbot Lake | 47.1 | 54.03 | 34,118.02 | 34,172.05 |
| 39 | Windsor-Belle River | 21.5 | 1.00 | 11,816.68 | 11,817.68 |
| 40 | Sarnia-Chatham | 50.1 | 2,310.35 | 29,949.82 | 32,260.17 |

## APPENDIX No. 2

## GROSS EXPENDITURE BY ROADS

### April 1st, 1941, to March 31st, 1942

| Highway No. | Location | Mileage | Construction | Maintenance | Total |
|---|---|---|---|---|---|
| 41 | Picton-Golden Lake | 140.6 | 152,563.76 | 109,506.89 | 262,070.65 |
| 42 | Brockville-West Port | 43. | 73.55 | 28,827.30 | 28,900.85 |
| 43 | Alexandria-Winchester | 40.4 | 5,928.98 | 53,816.77 | 59,745.75 |
| 44 | Almonte-Carp | 14. | .............. | 10,710.75 | 10,710.75 |
| 45 | Cobourg-Norwood | 33. | 1,790.00 | 36,242.61 | 38,032.61 |
| 46 | Highway No. 7-Coboconk | 34. | 1,093.70 | 32,934.36 | 34,028.06 |
| 47 | Highway No. 12-Stouffville | 19. | 429.55 | 74,382.40 | 74,811.95 |
| 48 | Port Bolster-Beaverton | 6. | .............. | 5,319.03 | 5,319.03 |
| 49 | Kleinburg-Highway No. 50 | 3.5 | .............. | 1,282.82 | 1,282.82 |
| 50 | Highway No. 7-Highway No. 9 via Bolton | 18. | 23,411.70 | 20,893.96 | 44,305.66 |
| 51 | Highway No. 24-Highway No. 10-Caledon | 2.5 | .............. | 1,250.31 | 1,250.31 |
| 52 | Wentworth Cty. Line-Highway No. 2 | 18.5 | 2.55 | 17,865.37 | 17,867.92 |
| 53 | Woodstock-Highway No. 20 | 53.7 | 10,158.96 | 26,140.39 | 36,299.35 |
| 54 | Cainsville-Cayuga | 27. | 1.53 | 52,557.41 | 52,558.94 |
| 55 | Highway No. 53-Hamilton | 4. | .............. | 2,083.46 | 2,083.46 |
| 56 | Junction Highway No. 53 and No. 20-Canfield | 15.5 | 45.00 | 7,890.59 | 7,935.59 |
| 57 | Bismark-Highway No. 3A | 9. | 14,351.48 | 6,900.41 | 21,251.89 |
| 58 | Welland-Humberstone | 6.5 | .............. | 9,498.13 | 9,498.13 |
| 59 | Woodstock-Delhi | 26.5 | .............. | 35,840.73 | 35,840.73 |
| 60 | Huntsville-Lake Dore | 133.7 | 428,992.22 | 237,560.91 | 666,553.13 |
| 61 | Fort William-U. S. Boundary | 40. | 22.00 | 17,201.58 | 17,223.58 |
| 62 | Madoc-Pembroke | 135. | 45,094.22 | 100,078.48 | 145,172.70 |
| 63 | North Bay-Temiskaming | 41. | 56.60 | 28,670.50 | 28,727.10 |
| 64 | Sturgeon Falls-Martin River | 34.6 | 3,091.50 | 14,198.13 | 17,289.63 |
| 65 | New Liskeard-Matachewan | 66.7 | 870.31 | 78,238.62 | 79,108.93 |
| 66 | Swastola-Quebec Boundary | 33.7 | 821.24 | 80,019.62 | 80,840.86 |
| 67 | Iroquois Falls-Timmins | 43.6 | 62,135.39 | 37,194.32 | 99,329.71 |
| 67A | Matheson-Highway No. 67 | 31. | 208,515.52 | 28,517.37 | 237,032.89 |
| 68 | McKerrow-Little Current | 38. | 7,874.50 | 35,668.41 | 43,542.91 |
| 69 | Atherley-Britt | 112. | 106,039.48 | 233,456.90 | 339,496.38 |
| 70 | Kenora-Fort Frances | 143. | 71,650.91 | 169,676.04 | 241,326.95 |
| 70A | Berwick to Junction Highway No. 70 | 14. | .............. | 8,181.55 | 8,181.55 |
| 71 | Fort Frances-Rainy River | 60. | 22,416.96 | 84,519.28 | 106,936.24 |
| 72 | Dinorwic-Sioux Lookout-Hudson | 52.5 | 20,994.74 | 15,672.65 | 36,667.39 |
| 73 | Port Bruce-Dorchester Road | 23. | 500.00 | 14,846.40 | 15,346.40 |
| 74 | New Sarum-Nilestown | 14. | 1,808.08 | 14,292.75 | 16,100.83 |
| 75 | Wallacetown-Dutton | 2.5 | .............. | 890.00 | 890.00 |
| 76 | Eagle-West Lorne | 3.5 | .............. | 970.00 | 970.00 |
| 77 | New Glasgow-Rodney | 4. | .............. | 1,055.18 | 1,055.18 |
| 78 | Wallaceburg-Dresden | 10.5 | .............. | 2,611.34 | 2,611.34 |
| 79 | Highway No. 2-Watford | 25.5 | 1,578.63 | 55,672.97 | 57,251.60 |
| 80 | Highway No. 2-Alvinston | 13. | .............. | 9,418.92 | 9,418.92 |
| 81 | Delaware-Grand Bend | 44. | .............. | 43,984.73 | 43,984.73 |
| 82 | Highway No. 7-Port Franks | 7. | .............. | 12,634.63 | 12,634.63 |
| 83 | Highway No. 21-Highway No. 23 via Dashwood | 24. | .............. | 18,997.28 | 18,997.28 |
| 84 | St. Joseph-Hensall | 10.5 | 635.27 | 12,083.93 | 12,719.20 |

## APPENDIX No. 2

## GROSS EXPENDITURE BY ROADS

### April 1st, 1941, to March 31st, 1942

| Highway No. | Location | Mileage | Construction | Maintenance | Total |
|---|---|---|---|---|---|
| 85 | Kitchener-Elmira | 12. | | 6,729.62 | 6,729.62 |
| 86 | Amberley-Highway No. 7 | 79. | | 76,145.68 | 76,145.68 |
| 87 | Bluevale-Harriston | 19.5 | | 14,903.90 | 14,903.90 |
| 88 | Bondhead-Bradford | 6. | | 3,307.19 | 3,307.19 |
| 89 | Primrose-Cookstown | 23.5 | 636.30 | 46,631.70 | 47,268.00 |
| 90 | Angus-Allandale | 11. | 1,456.65 | 16,182.17 | 17,638.82 |
| 91 | Duntroon-Stayner | 5.2 | | 6,600.77 | 6,600.77 |
| 92 | Elmvale-Wasaga Beach | 9. | | 39,527.47 | 39,527.47 |
| 93 | Crown Hill-Waverley | 17.5 | 524.85 | 18,552.77 | 19,077.62 |
| 94 | Callander-Highway No. 17 | 6.5 | 5.50 | 9,557.10 | 9,562.60 |
| 95 | Wolfe Island, North and South | 7. | | 4,146.04 | 4,146.04 |
| 96 | Wolfe Island, East and West | 20. | 50.12 | 12,558.08 | 12,608.20 |
| 97 | Hickson-Freelton | 44.5 | | 40,296.72 | 40,296.72 |
| 98 | Windsor-Tilbury | 34.5 | | 10,394.80 | 10,394.80 |
| 98A | Six Corners, Highway No. 98 to Maidstone, Highway No. 3 | 1.1 | | 298.41 | 298.41 |
| 99 | Dundas to Junction Highway Nos. 58 and 24 | 16.5 | | 22,290.10 | 22,290.10 |
| | Queen Elizabeth Way | | 1,316,754.31 | 482,349.81 | 1,799,104.12 |
| | Niagara Bridge Approach | | 1,405,840.18 | 817.01 | 1,406,657.19 |
| | Blue Lake Road | | | 1,267.69 | 1,267.69 |
| | Silver Street | | | 1,212.15 | 1,212.15 |
| | Pelee Island | | | 17,718.99 | 17,718.99 |
| | Middle Road, Tilbury to Blenheim | | 5.07 | 33,839.88 | 33,844.95 |
| | St. Lawrence River Road | | 495,760.71 | 41,108.04 | 536,868.75 |
| | Long Point Park Road | | 2,928.39 | | 2,928.39 |
| | Four Lane Highway, West Hill-Oshawa | | 1,479,071.21 | | 1,479,071.21 |
| | Governor's Road | | | 6,250.91 | 6,250.91 |
| | Princeton North Road | | | 324.20 | 324.20 |
| | Thamesford Road | | 142.22 | 10,625.23 | 10,767.45 |
| | Highway No. 17 to Douglas-Eganville | | | 27,028.06 | 27,028.06 |
| | Queen Street from Lake Shore Road to Brown's Line | | | 1,640.69 | 1,640.69 |
| | TOTAL KING'S HIGHWAYS | | $15,815,943.59 | $9,856,731.39 | $25,672,674.98 |
| | Total Secondary Roads | | 452,845.89 | 1,114,518.04 | 1,567,363.93 |
| | Total Township Roads | | 129,031.96 | 274,182.99 | 403,214.95 |
| | Total Mining Roads | | 23,885.19 | 6,450.96 | 30,336.15 |
| | Total Connecting Links | | | 1,211.85 | 1,211.85 |
| | Total Stock | | | 136,815.91 | 136,815.91 |
| | Total Lands and Buildings | | 76,055.70 | 61,840.82 | 137,896.52 |
| | Total Division Office's Expense, Engineering, etc | | | 384,396.59 | 384,396.59 |
| | Total Road Surveys | | 217,831.21 | | 217,831.21 |
| | Total General Expense, etc. | | 11,741.45 | 287,557.89 | 299,299.34 |
| | | | $16,727,334.99 | $12,123,706.44 | $28,851,041.43 |

## APPENDIX No. 3

## SCHEDULE OF ASSUMPTIONS AND REVERSIONS OF SECTIONS OF THE KING'S HIGHWAY SYSTEM FOR THE FISCAL YEAR ENDING MARCH 31st, 1942.

During the year the system was extended by assuming 174.79 miles, less 27.65 miles reverted, making a total assumed of 7460.25 miles. A list of the roads added to the system, together with the mileage and date of designation, also a list of roads and mileages reverted from the system is as follows:

### The King's Highways Assumed Between March 31st, 1941, and March 31st, 1942.

| District or County | Location of Road | Assumed Date | Miles |
|---|---|---|---|
| Kent | Blenheim to Tilbury | Apr. 30, 1941° | 26.00 |
| Kenora | Keewatin and Kenora Twns | Sept. 24, 1941° | 1.50 |
| York | Oxford Street | Dec. 17, 1941° | 0.24 |
| | Assumed by Land Plan | | |
| Cochrane | Whitney and Hoyle Twps | | 2.00 |
| Elgin | Bayham Twp | | 0.30 |
| Sudbury | McKim and Neelon Twps | | 7.00 |
| Timiskaming | Pacaud, Chamberlain, Evanturel, Armstrong, Hilliard and Harley Twps | | 21.00 |
| Timiskaming | Marquis, Otto and Eby Twps | | 12.75 |
| Thunder Bay | Nipigon to Geraldton | | 102.00 |
| Welland | Stamford Twp | | 2.00 |
| | | | 174.79 |

### Reversions in the Fiscal Year Ending March 31st, 1942.

| District or County | Location of Road | Date | Miles |
|---|---|---|---|
| Cochrane | Whitney, Cody, Hoyle and Matheson Twps | June 16, 1941 | 2.25 |
| Elgin | Bayham Twp | Apr. 28, 1941 | 0.30 |
| Kenora | Keewatin Town | Oct. 20, 1941 | 1.30 |
| Sudbury | McKim and Neelon Twps | Aug. 10, 1941 | 7.00 |
| Timiskaming | Chamberlain, Evanturel and Harley Twps | June 16, 1941 | 16.30 |
| York | Scarborough Twp | Aug. 10, 1941 | 0.50 |
| | | | 27.65 |

## BRIDGES COMPLETED ON THE

## APPENDIX

| Name | Type | Span | Road |
|---|---|---|---|
| Albert Street Underpass | Concrete Rigid Frame | 45′ 9″–45′ 9″ | Toronto-Oshawa |
| Aubrey Creek No. 3 | Timber Trestle | 3 at 15′ | South Aubrey Road |
| Aubrey Creek No. 4 | Timber Trestle | 7 at 15′ | Pine Grove Road |
| Aubrey Creek No. 5 | Timber Trestle | 7 at 15′ | |
| Aurora Subway | Steel Plate Girder | 120′ | 11. Toronto-Aurora |
| Balsam Creek No. 2 | Timber Beams on Cribs | 24′ | |
| Batchawana River No. 2 | Steel Beams on Steel Sheet Pile Bents | 54′, 63′, 68′, 63′, 54′ | 17. Sault Ste. Marie-Montreal River |
| Beatty Creek No. 2 | Timber Beam | 30′ | Powassan-Restoule |
| Beaver Creek No. 11 | Steel Beams on Timber Bents | 3 at 20′ | 17. South Aubrey Road |
| Beaver Lake Road | Creosoted Timber Truss | 32′ | 17. Beaver Lake |
| Bergland Bridge (Little Grassy River) | Timber Pile Trestle | 17 at 15′, 1 at 29′ | 206. Sleeman Morson |
| Bertie Twp. Overhead (M.C.R. & C.N.R.) | Steel Beams on Concrete Bents (Dual Bridges) | 63′, 68′, 63′, 63′, 68′, 63′ | Q. E. W., Niagara Falls-Fort Erie |
| Bessener Bridge (Still River) | Timber Truss | 50′ | |
| Bethel Bridge | Concrete Rigid Frame | 40′ | 21. Goderich-Kincardine |
| Black Creek No. 9 | Concrete Arched Beam and Slab (Dual Bridges) | 17′ 3″, 64′ 6″, 17′ 3″ | Q. E. W., Niagara Falls-Fort Erie |
| Black River No. 15 | Steel Beams | 16′, 46′, 16′ | 35. Dorset-Minden. |
| Black River No. 17 | Creosoted Timber Truss Beam Approach Spans | 1 at 60′, 2 at 30′ | Ramore-Haltyre Mine |
| Blanche River No. 11 | Native Timber Truss Beam Approach Spans | 1 at 60′, 3 at 15′ | Township Road |
| Blanche River, Branch of | Timber Pile Trestle | 6 at 15′ | Township Road |
| Bowen Road Underpass | Concrete Rigid Frame | 2 at 64′ | Q. E. W., Niagara Falls-Fort Erie |
| Brock Street Underpass | Concrete Rigid Frame | 55′ 9″, 55′ 9″ | Toronto-Oshawa |
| Brule Creek No. 2 | Timber Cribs and Bents | 2 at 30′, 2 at 15′, 1 at 10′ | 11. Cochrane-Kapuskasing |
| Calder Twp. No. 3 | Timber Crib | 1 at 23′ | |
| Calder Twp. No. 4 | Timber Framed Bents | 4 at 15′ | 11. Cochrane-Kapuskasing |
| Calder Twp. No. 5 | Timber Crib | 1 at 24′ | 11. Cochrane-Kapuskasing |
| Church Street Bridge (Duffins Creek) | Low Steel Truss | 82′ | Church Street |
| Clavet Twp. No. 1 | Timber Framed Trestle | 6 at 15′ | Geraldton-Hearst |
| Clavet Twp. No. 2 | Timber Framed Trestle | 4 at 15′ | Geraldton-Hearst |
| Clavet Twp. No. 3 | Timber Framed Trestle | 4 at 15′ | Geraldton-Hearst |
| Coady Bridge (Magnetawan River) | Creosoted Timber Truss | 1 at 60′ | |
| Coldwater River No. 2 | Timber Truss on Creosoted Piles | 12′, 50′, 18′ | |
| Cromwell Ave. Overpass | Concrete Rigid Frame | 42′ 6″ | Toronto-Oshawa |
| Cubert St. Overpass | Concrete Rigid Frame | 42′ | Toronto-Oshawa |
| Defence Industries Ltd. Underpass | Concrete Rigid Frame | 52′, 52′ | Toronto-Oshawa |
| Desaire Bridge (Pine River) | Timber Pile Trestle | 5 at 15′, 1 at 29′ | 407. Arbor Vitae-Stratton |
| Devitt Twp. | Timber Framed Bents | 1 at 40′ | |
| Drummond Road Underpass | Concrete Rigid Frame | 2 at 50′ 9″ | Rainbow Bridge Approach |
| Duffins Creek No. 2 | Concrete Rigid Frame (Dual Bridges | 60′, 70′, 70′, 70′, 70′, 60′ | Toronto-Oshawa |
| Eilber Twp. No. 5 | Timber Framed Bents | 1 at 16′, 2 at 8′ | |
| Exeter Bridge | Concrete Rigid Frame | 2 at 45′ | 4 |

## KING'S HIGHWAY DURING 1941

### No. 4

| Township | Lot | Con. | County or District | Div. No. |
|---|---|---|---|---|
| Whitby East | | | Ontario | 6 |
| Aubrey | 10 | V | Kenora | 20 |
| Aubrey | 14–15 | VI | Kenora | 20 |
| Aubrey-Sanford | 19–7 | VI–I | Kenora | 20 |
| Whitchurch | 75–76 | I | York | 6 |
| Phelps | 10 | III–IV | Nipissing | 13 |
| Fisher | S. E. ¼ | Sec. 15 | Algoma | 18 |
| Nipissing | 15 | IX | Parry Sound | 12 |
| Aubrey | 10–11 | VI | Kenora | 20 |
| Drury | 7–8 | I | Sudbury | 17 |
| McCrosson | 2–3 | III | Rainy River | 21 |
| Bertie | 9–10 | XI, N. R. | Welland | 4 |
| Henvey | 3 | II–III | Parry Sound | 12 |
| Huron | 35–36 | VIII | Bruce | 3 |
| Bertie | 16 | IX | Welland | 4 |
| Sherborne | 11–12 | A | Haliburton | 11 |
| Hislop | 5 | I–II | Cochrane | 14 |
| Otto | 5 | I–II | Timiskaming | 14 |
| Blain | 3–4 | VI | Timiskaming | 14 |
| Bertie | 8–9 | VI | Welland | 4 |
| Whitby | 26–26 | I | Ontario | 6 |
| Fauquier | 1 | II | Cochrane | 16 |
| Calder | 23 | VI | Cochrane | 16 |
| Calder-Colquhoun | 17 | | Cochrane | 16 |
| Calder | 16–17 | XI | Cochrane | 16 |
| Pickering | 14–15 | I | Ontario | 6 |
| Clavet | | | Cochrane | 25 |
| Clavet | | | Cochrane | 25 |
| Clavet | | | Cochrane | 25 |
| Croft | 31 | XIV | Parry Sound | 12 |
| Dorion | 4 | V–VI | Thunder Bay | 19 |
| Whitby East | | | Ontario | 6 |
| Whitby East | | | Ontario | 6 |
| Pickering | 8–9 | I | Ontario | 6 |
| Nelles | E. Bdry. | Sec. 13 | Rainy River | 21 |
| Devitt | 6–7 | VIII | Cochrane | 16 |
| Stamford | 125 | | Welland | 4 |
| Pickering | 14–15 | I | Ontario | 6 |
| Eilber-McGowan | | I | Cochrane | 16 |
| Usborne-Stephen | 19–24 | I–I | Huron | 2 |

## BRIDGES COMPLETED ON THE
## APPENDIX

| Name | Type | Span | Road |
|---|---|---|---|
| First Narrows Bridge (Little Long Lac) | Timber Pile Trestle | 7 at 15′ | Geraldton-Hearst |
| FortErieOverhead.C.N.R. (North Structure) | Concrete Arched Slab. (North Half of Dual Bridge) | 10′, 28′, 34′, 28′, 10′ | Q. E. W., Niagara Falls-Fort Erie |
| Fraser River | Timber Pile Trestle | 2 at 30′, 2 at 15′ | Geraldton-Hearst |
| Geraldton-Hearst Mile 76.0 | Timber Framed Trestle | 5 at 15′ | Geraldton-Hearst |
| Geraldton-Hearst Mile 77.2 | Timber Framed Trestle | 6 at 15′ | Geraldton-Hearst |
| Geraldton-Hearst Mile 77.8 | Timber Framed Trestle | 5 at 15′ | Geraldton-Hearst |
| Gull River No. 4 | Steel Beams on Timber Piles | 4 at 20′ | Dryden-Richan |
| Gull River No. 6 | Timber Trestle | 5 at 15′ | |
| Gull River No. 7 | Timber Trestle | 5 at 15′ | |
| Gully Bridge | Concrete Arch—Earth Filled | 1 at 24′ | 21. Bayfield-Goderich |
| Hanselman Bridge (Commanda Creek) | Timber Beam | 3 at 15′ | Unorganized Twp. |
| Helseth Bridge (Lost River) | Timber Pile Trestle | 3 at 15′ | 403. Emo-Kingsford |
| Henry Street Underpass | Concrete Rigid Frame | 2 at 55′ | Toronto-Oshawa |
| Hoyles Creek | Timber Pile Trestle | 4 at 15′ | Geraldton-Hearst |
| Hydro Canal-East Bridge | Steel Beams | 62′, 80′ 6″, 62′ | Rainbow Bridge Approach |
| Kendall Twp. No. 7 | Timber Pile Trestle | 2 at 20′, 4 at 15′ | |
| Kendrey Twp. | Timber Pile Trestle | 11 at 15′ | 11. Cochrane-Kapuskasing |
| King Bridge No. 2 | Steel Truss (Old), Concrete Slab Approaches | 20′, 68′, 20′ | Calabogie-Brightside |
| Kirkpatrick Twp. No. 2 | Timber Pile Trestle | 5 at 15′ | |
| Kraft Creek | Timber Pile Trestle | 9 at 15′ | Kraft Creek Road. |
| Lake Nipissing-West Arm | Timber Pile Trestle | 27 at 15′ | Hagar-Noelville |
| Lath Mill Bridge (Fiske Creek) | Timber Pile Trestle | 17 at 15′ | 207. Spohn-Dearlock |
| Laurier Bridge | Concrete Arch—Earth Filled | 1 at 50′ | 21. Goderich-Kincardine |
| Leitch Twp. No. 1 | Timber Pile Trestle | 2 at 15′ | |
| Leitch Twp. No. 2 | Timber Pile Trestle | 4 at 15′ | |
| Lowther Twp. No. 5 | Timber Pile Trestle | 1 at 22′, 2 at 15′ | |
| Lynde Creek | Concrete Rigid Frame | 1 at 50′ | Toronto-Oshawa |
| Lyons Creek | Concrete Arched Beam & Slab (Dual Bridges) | 17′ 3″, 64′ 6″, 17′ 3″ | Q. E. W., Niagara Falls-Fort Erie |
| MacNair Creek | Timber Framed Trestle | 6 at 15′ | Geraldton-Hearst |
| McDonnell Creek | Timber Framed Trestle | 7 at 15′ | Geraldton-Hearst |
| Main Narrows Bridge (Little Long Lac) | Timber Pile Trestle | 12 at 15′ | Geraldton-Hearst |
| Martin Bridge (McKenzie River) | Timber Pile Trestle | 10 at 15′ 9″ | 208. Fort Francis-Emo |
| Middle Lake Bridge | Composite Timber and Concrete Flat Slab | 3 at 20′ | Pellatt Road |
| Mimico Creek No. 5 (Extension) | Concrete Rigid Frame) | 1 at 43′ 9″ | Malton Road |
| Nagagami River No. 1 (Temporary) | Timber Truss on Log Cribs | 1 at 40′, 2 at 46′ | Geraldton-Hearst |
| North Whitefish River | Timber Truss on Cedar Cribs | 1 at 50′, 1 at 18′ | |

## KING'S HIGHWAY DURING 1941

### No. 4

| Township | Lot | Con. | County or District | Div. No. |
|---|---|---|---|---|
| Ashmore |  |  | Thunder Bay | 25 |
| Bertie | 2 | II | Welland | 4 |
| McCoig |  |  | Cochrane | 25 |
| Unsurveyed |  |  | Thunder Bay | 25 |
| Unsurveyed |  |  | Thunder Bay | 25 |
| Unsurveyed |  |  | Thunder Bay | 25 |
| Britton | 5 | III | Kenora | 20 |
| Britton | 6 | II–III | Kenora | 20 |
| Wainwright-Britton | 7 | VI–I | Kenora | 20 |
| Goderich | 33 | I | Huron | 3 |
| Gurd | 177 | B | Parry Sound | 12 |
| Kingsford | 4–5 | III | Rainy River | 21 |
| Whitby | 27–28 | I | Ontario | 6 |
| Unsurveyed |  |  | Thunder Bay | 25 |
| Stamford | 124–125 |  | Welland | 4 |
| Kendall | 12–13 | VII | Cochrane | 16 |
| Kendrey | 12–13 | III | Cochrane | 16 |
| Darling | 2 | II | Lanark | 9 |
| Kirkpatrick | 8 | V–VI | Nipissing | 13 |
| Mountjoy | 3 | V | Cochrane | 14 |
| Cherriman | 1 | V | Sudbury | 13 |
| McCrosson | 3 | II–III | Rainy River | 21 |
| Ashfield | 16 | XIII WD | Huron | 3 |
| Leitch | 4 | IV–V | Cochrane | 16 |
| Leitch-Blount |  | VIII | Cochrane | 16 |
| Lowther-Way | 14 |  | Cochrane | 16 |
| Whitby | 31–32 | I | Ontario | 6 |
| Willoughby | 15 | VII | Welland | 4 |
| Unsurveyed |  |  | Thunder Bay | 25 |
| Unsurveyed |  |  | Thunder Bay | 25 |
| Ashmore |  |  | Thunder Bay | 25 |
| Roddick | 13 | Sec. 35 | Rainy River | 21 |
| Pellatt | 2 | IV | Kenora | 20 |
| Etobicoke |  | III | York | 6 |
| McMillan | 8 | VI | Cochrane | 25 |
| Strange | 3 | IV–V | Thunder Bay | 19 |

## BRIDGES COMPLETED ON THE
## APPENDIX

| Name | Type | Span | Road |
|---|---|---|---|
| Oshawa Creek | Concrete Arch—Earth Filled | 33′, 70′, 33′ | Toronto-Oshawa |
| Oshawa Subway, C.N.R. | Concrete Rigid Frame | 2 at 45′ 6″ | Toronto-Oshawa |
| Otasawian River (Temporary) | Timber Trusses with Pile Trestle Approaches | 2 at 46′, 4 at 15′ | Geraldton-Hearst |
| Pagwachuan River (Temporary) | Timber Pile Trestle | 14 at 15′ | Geraldton-Hearst |
| Palgrave Bridge | Concrete Arch—Earth Filled | 1 at 40′ | 50. Road No. 7-Road No. 9 |
| Pitopiko River | Timber Pile Trestle | 2 at 15′, 1 at 30′ | Geraldton-Hearst |
| Pivabiska Creek No. 4 | Timber Pile Trestle | 2 at 22′, 8 at 15′ | |
| Portage Road Underpass | Concrete Rigid Frame | 2 at 51′ 8″ | Rainbow Bridge Approach |
| Ritson Road Overpass | Concrete Rigid Frame | 1 at 42′ | Toronto-Oshawa |
| Rouge River No. 2 (South Structure) | Steel Truss—Deck Type. (South Half of Dual Bridges) | 83′, 115′ 6″, 115′ 6″, 83′ | Toronto-Oshawa |
| Sanche Bridge (Pine River) | Timber Pile Trestle | 6 at 15′, 1 at 29′ | 407. Arbor Vitae-Stratton |
| Seaforth Bridge | Concrete Beam and Slab. (Partial Replacement.) | 1 at 26′ | 8. Stratford-Goderich |
| Shekak River (Temporary) | Log Bridge | 3 at 30′, 1 at 60′ | Geraldton-Hearst |
| Sibley Creek | Timber Beam and Slab on Cedar Cribs | 1 at 26′ | 17. Silver Islet |
| Simcoe Street Underpass | Concrete Rigid Frame | 2 at 45′ 9″ | Toronto-Oshawa |
| Skunk River (Temporary) | Log Bridge with Framed Trestle Approaches | 2 at 35′, 4 at 15′ | Geraldton-Hearst |
| Still River-Britt | Steel Truss with Timber Approach Spans | 1 at 70′, 2 at 16′ | 69. Gravenhurst-Britt |
| Sturgeon River No. 4 | Steel Beams on Concrete Bents | 38′, 57′, 38′ | 11. Beardmore-Geraldton |
| Sucker Creek No. 4 | Timber Pile Bents | 1 at 30′, 3 at 15′ | |
| Suckle Creek | Timber Pile Trestle | 4 at 15′ | Geraldton-Hearst |
| Sunday Creek No. 3 (Fred Hills Bridge) | Timber Pile Trestle | 6 at 15′ | |
| Tea Creek | Concrete Rigid Frame Beam and Slab Type (Dual Bridges) | 17′ 3″, 64′ 6″, 17′ 3″ | Q. E. W., Niagara-Falls-Fort Erie |
| Uno Park Bridge | Low Steel Truss, Steel Beam Approaches | 20′, 75′, 20′ | |
| Valentine Creek | Timber Pile Trestle | 16 at 12′ | Geraldton-Hearst |
| Victoria Ave. Underpass | Concrete Rigid Frame Stone Faced | 1 at 60′ | Rainbow Bridge Approach |
| Wabigoon River No. 7 | Steel Beams on Steel Sheet Piles | 40′, 60′, 40′ | Pine Grove Road |
| Wabigoon River No. 8 | Steel Beams on Timber Piles | 5 at 20′ | 17. Ignace-Dyment |
| Wabigoon River No. 9 | Steel Beams on Steel Sheet Piles | 40′, 60′, 40′ | Eton-Rugby Road |
| Way Twp. No. 2 | Timber Framed Bents | 3 at 15′ | |
| Welland River and M. C. R. | Steel Beams on Concrete Bents. (Dual Bridges.) | 12 at 48′, 3 at 72′, 3 at 53′ 7″ | Q. E. W., Niagara Falls-Fort Erie |
| Whitefish River No. 2 | Timber Truss on Timber Cribs | 1 at 60′ | |
| Whitney Bridge | Concrete Arch, Earth Filled | 1 at 100′ | 60. Madawaska-Whitney |
| Wicklow River No. 7 | Timber Cribs | 1 at 24′ | |
| Wolf River No. 2 | Timber Beam | 10 at 24′ | Unorganized Twp. |

## KING'S HIGHWAY DURING 1941

### No. 4

| Township | Lot | Con. | County or District | Div. No. |
|---|---|---|---|---|
| Whitby East | 11 | I | Ontario | 6 |
| Whitby East |  |  | Ontario | 6 |
| Kohler |  |  | Cochrane | 25 |
| Clavet |  |  | Cochrane | 25 |
| Albion | 20 | VI–VII | Peel | 6 |
| McCoig |  |  | Cochrane | 25 |
| Casgrain | 27 | VI–VII | Cochrane | 16 |
| Stamford | 126 |  | Welland | 4 |
| Whitby East |  |  | Ontario | 6 |
| Pickering | 33 | Range I | Ontario | 6 |
| Nelles | E. Bdry | Sec. 13 | Rainy River | 21 |
| McKillop | 24 | I | Huron | 3 |
| Gill | 18 | V | Cochrane | 25 |
| Sibley |  |  | Thunder Bay | 19 |
| Whitby East |  |  | Ontario | 6 |
| Gill | 28 | V | Cochrane | 25 |
| Henvey | 1 | B | Parry Sound | 12 |
| Colter |  |  | Thunder Bay | 19 |
| Fox | 4–5 | IV | Cochrane | 16 |
| Oakes |  |  | Thunder Bay | 25 |
| Robillard-Bryce | 4 | I–VI | Timiskaming | 14 |
| Willoughby | 14 | VI | Welland | 4 |
| Harley-Dymond | 2–3 |  | Timiskaming | 14 |
| Stoddart |  |  | Cochrane | 25 |
| City of Niagara Falls |  |  | Welland | 4 |
| Sanford | 2–3 | IV | Kenora | 20 |
| Revell | 9 | II | Kenora | 20 |
| Eton | 6–7 | V | Kenora | 20 |
| Way | 2 | VIII–IX | Cochrane | 16 |
| Stamford-Willoughby | 221–10 | B. F. | Welland | 4 |
| Lybster | 4–5 | V | Thunder Bay | 19 |
| Airy | 7 | VI | Nipissing | 10 |
| Newmarket | 4 | I–II | Cochrane | 16 |
| Hardy | 30 | IV | Parry Sound | 12 |

## APPENDIX No. 5

## GROWTH OF COUNTY ROAD EXPENDITURES AND PROVINCIAL GRANTS

| Year Work was Done | Number of Counties | Expenditure | Government Grants |
|---|---|---|---|
| 1903 | 4 | $ 166,149.06 | $ 55,383.02 |
| 1904 | 7 | 291,085.42 | 97,028.48 |
| 1905 | 6 | 179,593.62 | 59,864.53 |
| 1906 | 8 | 247,102.37 | 82,367.45 |
| 1907 | 14 | 383,518.86 | 127,839.62 |
| 1908 | 15 | 429,393.57 | 143,131.16 |
| 1909 | 16 | 440,374.08 | 146,791.36 |
| 1910 | 17 | 553,312.61 | 184,437.54 |
| 1911 | 19 | 712,072.52 | 237,357.50 |
| 1912 | 20 | 898,631.18 | 299,543.69 |
| 1913 | 20 | 847,684.15 | 282,561.35 |
| 1914 | 20 | 785,521.93 | 261,840.61 |
| 1915 | 20 | 811,540.05 | 270,513.34 |
| 1916 | 21 | 955,447.19 | 327,663.76 |
| 1917 | 30 | 1,388,341.87 | 483,621.32 |
| 1918 | 36 | 2,226,899.70 | 815,440.01 |
| 1919 | 37 | 5,714,937.19 | 2,623,719.24 |
| 1920 | 37 | 7,956,863.72 | 3,626,418.08 |
| 1921 | 37 | 11,078,288.39 | 5,119,882.26 |
| 1922 | 37 | 9,162,491.79 | 4,258,339.83 |
| 1923 | 37 | 7,403,509.96 | 3,418,523.07 |
| 1924 | 37 | 6,861,451.62 | 3,214,321.50 |
| 1925 | 37 | 6,608,431.04 | 3,222,678.10 |
| 1926 | 37 | 5,838,445.12 | 2,913,660.96 |
| 1927 | 37 | 7,424,464.85 | 3,706,719.88 |
| 1928 | 37 | 8,784,420.42 | 4,360,222.86 |
| 1929 | 37 | 9,212,758.04 | 4,591,110.16 |
| 1930 | 37 | 8,929,424.27 | 4,463,527.11 |
| 1931 | 37 | 7,265,350.65 | 3,625,860.66 |
| 1932 | 37 | 4,214,410.70 | 2,106,457.18 |
| 1933 | 37 | 3,058,622.91 | 1,529,228.37 |
| 1934 | 37 | 3,391,768.96 | 1,695,291.35 |
| 1935 | 37 | 3,107,215.32 | 1,553,273.39 |
| 1936 | 37 | 3,438,188.53 | 1,718,944.63 |
| 1937 | 37 | 4,062,753.39 | 2,031,372.49 |
| 1938 | 37 | 4,686,333.38 | 2,342,971.65 |
| 1939 | 37 | 4,775,109.01 | 2,387,240.73 |
| 1940 | 37 | 4,496,702.25 | 2,247,977.06 |
| 1941 | 37 | 4,805,301.60 | 2,402,650.75 |
| Totals to Date | | $153,593,911.29 | $73,035,776.05 |

## APPENDIX No. 6

## COUNTY ROAD MILEAGE AND EXPENDITURE

### From Inception of County Road Systems to December 31st, 1941. Provincial Subsidies on 1941 Expenditures Being Paid in 1942.

| County | Year of Establishment of System | Road Mileages | | | Total Approved Expenditure to end of 1941 | Total Government Grant |
|---|---|---|---|---|---|---|
| | | County Roads | County Suburban Roads | Total | | |
| Brant | 1917 | 73.6 | 26.4 | 100.0 | $ 2,778,543.79 | $1,381,037.74 |
| Bruce | 1917 | 275.7 | .......... | 275.7 | 4,061,125.51 | 2,020,542.00 |
| Carleton | 1910 | 147.0 | 90.0 | 237.0 | 7,667,319.81 | 3,626,582.22 |
| Dufferin | 1918 | 160.5 | .......... | 160.5 | 1,601,375.56 | 763,720.69 |
| Elgin | 1917 | 232.4 | 18.3 | 250.7 | 3,092,863.06 | 1,470,717.15 |
| Essex | 1916 | 213.2 | 37.5 | 250.7 | 6,600,114.69 | 3,244,445.59 |
| Frontenac | 1907 | 137.4 | 29.2 | 166.6 | 1,915,635.05 | 891,808.52 |
| Grey | 1918 | 307.7 | 32.5 | 340.2 | 4,067,284.88 | 2,010,765.57 |
| Haldimand | 1912 | 153.1 | .......... | 153.1 | 3,106,100.83 | 1,451,710.00 |
| Halton | 1907 | 141.1 | .......... | 141.1 | 2,668,170.15 | 1,238,139.66 |
| Hastings | 1904 | 275.2 | 4.0 | 279.2 | 3,804,322.48 | 1,775,020.69 |
| Huron | 1917 | 373.3 | .......... | 373.3 | 3,549,443.08 | 1,711,456.28 |
| Kent | 1917 | 264.5 | 9.5 | 274.0 | 5,815,409.15 | 2,904,036.30 |
| Lambton | 1918 | 210.7 | 14.5 | 225.2 | 3,049,537.80 | 1,475,771.31 |
| Lanark | 1903 | 224.9 | 6.0 | 230.9 | 3,106,670.02 | 1,475,421.27 |
| Leeds and Grenville | 1910 | 246.5 | 12.7 | 259.2 | 4,324,288.45 | 2,015,436.90 |
| Lennox and Addington | 1906 | 152.8 | .......... | 152.8 | 2,852,050.71 | 1,380,701.06 |
| Lincoln | 1904 | 135.2 | 12.3 | 147.5 | 4,619,972.43 | 2,046,799.37 |
| Middlesex | 1906 | 423.6 | 54.1 | 477.7 | 4,995,990.93 | 2,313,685.30 |
| Norfolk | 1917 | 199.8 | .......... | 199.8 | 4,193,710.01 | 2,011,181.82 |
| Northumberland and Durham | 1918 | 229.3 | .......... | 229.3 | 3,556,351.67 | 1,749,890.12 |
| Ontario | 1918 | 185.0 | 16.2 | 201.2 | 2,549,358.92 | 1,241,045.41 |
| Oxford | 1904–7 | 172.3 | 3.9 | 176.2 | 3,656,262.05 | 1,655,432.75 |
| Peel | 1907 | 120.4 | .......... | 120.4 | 2,962,729.54 | 1,343,246.84 |
| Perth | 1907 | 150.7 | 7.5 | 158.2 | 2,088,129.44 | 959,104.83 |
| Peterborough | 1919 | 127.8 | 58.3 | 186.1 | 1,487,569.43 | 719,144.35 |
| Prescott and Russell | 1917 | 285.9 | .......... | 285.9 | 4,736,812.76 | 2,140,960.29 |
| Prince Edward | 1907 | 172.8 | .......... | 172.8 | 2,365,458.06 | 1,093,751.22 |
| Renfrew | 1918 | 211.0 | .......... | 211.0 | 3,541,678.69 | 1,727,043.47 |
| Simcoe | 1903 | 264.9 | .......... | 264.9 | 4,667,660.94 | 2,178,468.12 |
| Stormont, Dundas and Glengarry | 1917 | 463.3 | .......... | 463.3 | 6,432,899.47 | 3,142,927.61 |
| Victoria | 1917 | 173.1 | .......... | 173.1 | 3,013,242.21 | 1,495,635.35 |
| Waterloo | 1908 | 153.0 | 21.0 | 174.0 | 4,692,569.85 | 2,299,686.03 |
| Welland | 1912 | 103.2 | 16.9 | 120.1 | 5,238,891.45 | 2,440,093.95 |
| Wellington | 1903 | 310.0 | 23.5 | 333.5 | 4,466,252.81 | 2,106,527.06 |
| Wentworth | 1903 | 98.4 | 56.0 | 154.4 | 4,952,260.96 | 2,291,494.17 |
| York | 1911 | 87.3 | 257.1 | 344.4 | 15,315,855.55 | 7,242,345.04 |
| TOTALS | | 7656.6 | 807.4 | 8464.0 | $153,593,911.29 | $73,035,776.05 |

## SUMMARY OF COUNTY

## APPENDIX

| NAME OF COUNTY | ROADS | | BRIDGES | |
|---|---|---|---|---|
| | Construction | Maintenance | Construction | Maintenance |
| Brant | $ 6,391.10 | $ 57,237.01 | $ ........ | $ 300.95 |
| Bruce | 55,868.63 | 82,648.15 | ........ | 886.75 |
| Carleton | 78,032.32 | 86,618.90 | 1,839.60 | 1,394.00 |
| Dufferin | 6,592.79 | 39,744.61 | 3,060.58 | 24.28 |
| Elgin | 14,820.86 | 140,871.94 | 11,307.61 | 1,193.36 |
| Essex | 8,335.61 | 78,259.88 | .. | 94.15 |
| Frontenac | 40,767.56 | 31,579.16 | 1,867.34 | .. .. |
| Grey | 62,376.36 | 84,419.46 | 78.67 | 1,428.33 |
| Haldimand | 32,571.86 | 66,861.04 | 6,945.45 | 179.09 |
| Halton | 16,734.68 | 41,678.32 | .. | 449.29 |
| Hastings | 21,721.09 | 56,730.08 | 1,258.37 | 2,651.49 |
| Huron | 80,243.00 | 76,153.00 | 12.38 | 3,215.45 |
| Kent | 136,839.71 | 79,146.19 | ........ | 2,122.11 |
| Lambton | 43,661.70 | 35,731.18 | 68.61 | 647.96 |
| Lanark | 5,722.70 | 47,835.99 | ........ | 1,834.96 |
| Leeds and Grenville | 64,673.24 | 74,228.09 | 7,069.11 | 387.77 |
| Lennox and Addington | ........ | 52,460.99 | | 251.54 |
| Lincoln | 31,307.96 | 57,289.96 | 10,420.00 | 60.05 |
| Middlesex | 50,854.32 | 128,255.17 | 1,520.17 | 1,502.73 |
| Norfolk | 9,946.61 | 124,660.21 | 18,142.69 | 15.08 |
| Northumberland and Durham | 28,361.53 | 52,082.54 | | 1,652.12 |
| Ontario | 11,959.43 | 74,255.86 | | 1,097.96 |
| Oxford | 71,406.55 | 67,958.71 | 6,770.09 | 3,984.38 |
| Peel | 4,394.40 | 78,744.46 | .. | 183.04 |
| Perth | 24,252.46 | 31,050.32 | 12,339.94 | 143.41 |
| Peterborough | 24,454.40 | 37,607.79 | 3,548.49 | 5,336.51 |
| Prescott and Russell | 5,530.32 | 91,585.88 | 2,864.86 | 2,896.92 |
| Prince Edward | 32,658.14 | 26,691.60 | | 113.74 |
| Renfrew | 24,915.44 | 50,438.44 | 1,736.20 | 1,430.61 |
| Simcoe | 10,854.79 | 96,604.17 | | 409.92 |
| Stormont, Dundas and Glengarry | 86,565.30 | 94,219.00 | | 3,030.08 |
| Victoria | 38,240.08 | 46,139.17 | | 139.32 |
| Waterloo | 3,420.62 | 130,114.63 | | 2,890.28 |
| Welland | 17,692.92 | 75,348.06 | | 169.55 |
| Wellington | 36,777.04 | 118,247.85 | 170.09 | 650.11 |
| Wentworth | 47,409.91 | 93,373.42 | 3,524.17 | 452.45 |
| York | 115,618.81 | 343,331.98 | 407.02 | 24,853.48 |
| TOTALS | $ 1,351,974.24 | $ 2,950,203.21 | $ 94,951.44 | $ 68,073.22 |

## ROAD EXPENDITURES—1941

### No. 7

| Miscellaneous | | Approved Expenditure | | | Government Subsidy, 50% | | |
|---|---|---|---|---|---|---|---|
| Construction | Maintenance | Construction | Maintenance | Total | Construction | Maintenance | Total |
| $ 2,655.82 | $ 4,361.22 | $ 9,046.92 | $ 61,899.18 | $ 70,946.10 | $ 4,523.46 | $ 30,949 59 | $ 35,473.05 |
| 7,215.51 | 5,611.36 | 63,084.14 | 89,146.26 | 152,230.40 | 31,542.07 | 44,573.13 | 76,115.20 |
| 4,590.56 | 1,706.30 | 84,462.48 | 89,719.20 | 174,181.68 | 42,231.24 | 44,859.60 | 87,090.84 |
| 331.29 | 988.95 | 9,984.66 | 40,757.84 | 50,742.50 | 4,992.33 | 20,378.92 | 25,371.25 |
| 5,522.07 | 2,696.82 | 31,650.54 | 144,762.12 | 176,412.66 | 15,825.27 | 72,381.06 | 88,206.33 |
| 5,442.18 | 5,074.21 | 13,777.79 | 83,428.24 | 97,206.03 | 6,888.89 | 41,714.12 | 48,603.01 |
| 743.84 | ... | 43,378.74 | 31,579.16 | 74,957.90 | 21,689.37 | 15,789.58 | 37,478.95 |
| 8,556.57 | 1,389.36 | 71,011.60 | 87,237.15 | 158,248.75 | 35,505.80 | 43,618.57 | 79,124.37 |
| 6,042.41 | 3,821.41 | 45,559.72 | 70,861.54 | 116,421 26 | 22,779.86 | 35,430.77 | 58,210.63 |
| 6,324.22 | 1,775.71 | 23,058.90 | 43,903.32 | 66,962.22 | 11,529.45 | 21,951.66 | 33,481.11 |
| 694.20 | 1,699.13 | 23,673.66 | 61,080.70 | 84,754.36 | 11,836.83 | 30,540.35 | 42,377.18 |
| 1,915.00 | 2,624.02 | 82,170.38 | 81,992.47 | 164,162.85 | 41,085.19 | 40,996.23 | 82,081.42 |
| 6,057.79 | 7,209.83 | 142,897.50 | 88,478.13 | 231,375.63 | 71,448.75 | 44,239.06 | 115,687.81 |
| 3,574.72 | 4,068.09 | 47,305.03 | 40,447.23 | 87,752.26 | 23,652.51 | 20,223.62 | 43,876.13 |
| 3,766.35 | 2,599.04 | 9,489.05 | 52,269.99 | 61,759.04 | 4,744.52 | 26,135.00 | 30,879.52 |
| 1,796.43 | 1,645.45 | 73,538.78 | 76,261.31 | 149,800.09 | 36,769.39 | 38,130.66 | 74,900.05 |
| 488.00 | 884.35 | 488.00 | 53,596.88 | 54,084.88 | 244.00 | 26,798.44 | 27,042.44 |
| 938.04 | 7,576.15 | 42,666.00 | 64,926.16 | 107,592.16 | 21,333.00 | 32,463.08 | 53,796.08 |
| 4,495.72 | 3,574.90 | 56,870.21 | 133,332.80 | 190,203.01 | 28,435.11 | 66,666.40 | 95,101.51 |
| 14,293.74 | 7,091.10 | 42,383.04 | 131,766.39 | 174,149.43 | 21,191.52 | 65,883.20 | 87,074.72 |
| 836.73 | 14,038.63 | 29,198.26 | 67,773.29 | 96,971.55 | 14,599.13 | 33,886.64 | 48,485.77 |
| 8,922.24 | ... | 20,881.67 | 75,353.82 | 96,235.49 | 10,440.83 | 37,676.91 | 48,117.74 |
| 1,333.75 | 11,052.90 | 79,510.39 | 82,995.99 | 162,506.38 | 39,755.19 | 41,498.00 | 81,253.19 |
| 8,303.91 | 1,076.95 | 12,698.31 | 80,004.45 | 92,702.76 | 6,349.15 | 40,002.23 | 46,351.38 |
| 1,012.08 | 3,616.10 | 37,604.48 | 34,809.83 | 72,414.31 | 18,802.24 | 17,404.91 | 36,207.15 |
| 4,633.82 | Cr. 106.54 | 32,636.71 | 42,837.76 | 75,474.47 | 16,318.35 | 21,418.88 | 37,737 23 |
| 1,091.07 | 2,818.06 | 9,486.25 | 97,300.86 | 106,787.11 | 4,743.12 | 48,650.43 | 53,393.55 |
| 4,074.95 | 1,402.56 | 36,733.09 | 28,207.90 | 64,940.99 | 18,366.54 | 14,103.95 | 32,470.49 |
| 723.80 | 3,755.51 | 27,375.44 | 55,624.56 | 83,000.00 | 13,687.72 | 27,812.28 | 41,500.00 |
| 15,597.35 | Cr. 1,180.01 | 26,452.14 | 95,834.08 | 122,286.22 | 13,226.07 | 47,917.04 | 61,143.11 |
| 9,029.84 | 829.80 | 95,595.14 | 98,078.88 | 193,674.02 | 47,797.57 | 49,039.44 | 96,837.01 |
| 1,080.07 | 8,506.11 | 39,320.15 | 54,784.60 | 94,104.75 | 19,660.07 | 27,392.30 | 47,052.37 |
| 9,329.48 | 9,373.09 | 12,750.10 | 142,378.00 | 155,128.10 | 6,375.05 | 71,189.00 | 77,564.05 |
| 1,347.86 | 13,710.04 | 19,040.78 | 89,227.65 | 108,268.43 | 9,520.39 | 44,613.82 | 54,134.21 |
| 7,025.64 | 6,313.18 | 43,972.77 | 125,211.14 | 169,183.91 | 21,986.38 | 62,605.57 | 84,591.95 |
| 4,316.02 | 6,173.01 | 55,250.10 | 99,998.88 | 155,248.98 | 27,625.05 | 49,999.44 | 77,624.49 |
| 21,885.52 | 6,334.11 | 137,911.35 | 374,519.57 | 512,430.92 | 68,955.67 | 187,259.79 | 256,215.46 |
| $ 185,988.59 | $ $54,110.90 | $ 1,632,914.27 | $ 3,172,387.33 | $ 4,805,301.60 | $ 816,457.08 | $ 1,586,193.67 | $ 2,402,650.75 |

## SUMMARY OF TOWNSHIP ROAD EXPENDITURES

### APPENDIX No. 8

The following schedule shows the approved expenditure on township roads under the provisions of The Highway Improvement Act.

| Year | No. of Twps. | Approved Expenditure |  |  | Government Subsidy |  |  |
|---|---|---|---|---|---|---|---|
|  |  | Construction | Maintenance | Total | Construction | Maintenance | Total |
| 1920 to 1934 | 172 to 338 | $23,718,523.99 | $34,272,133.52 | $57,990,657.51 | $ 7,615,854.36 | $10,959,400.20 | $18,575,254.56 |
| 1935 | 229 | 824,447.33 | 2,090,082.01 | 2,914,529.34 | 344,705.13 | 874,448.05 | 1,219,153.18 |
| 1936 | 343 | 699,695.53 | 2,217,918.62 | 2,917,614.15 | 293,505.92 | 939,468.25 | 1,232,974.17 |
| 1937 | 344 | 1,234,367.12 | 2,588,053.41 | 3,822,420.53 | 623,824.61 | 1,301,050.22 | 1,924,874.83 |
| 1938 | 559 | 1,578,956.62 | 3,212,126.73 | 4,791,083.35 | 827,188.62 | 1,707,554.52 | 2,534,743.14 |
| 1939 | 565 | 1,814,131.40 | 3,529,375.15 | 5,343,506.55 | 971,530.84 | 1,867,855.99 | 2,839,386.83 |
| 1940 | 563 | 1,006,122.02 | 3,499,173.61 | 4,505,295.63 | 544,894.50 | 1,866,170.40 | 2,411,064.90 |
| 1941 | 566 | 1,060,139.17 | 4,392,147.57 | 5,152,286.74 | 573,164.34 | 2,344,652.10 | 2,917,816.44 |
| Totals........ | .............. | $31,936,383.18 | $55,831,010.62 | $87,767,393.80 | $11,794,668.32 | $21,860,599.73 | $33,655,268.05 |

## APPENDIX
## MILEAGE OF ROAD SURFACES

| County | COUNTY ROADS | | | | | |
|---|---|---|---|---|---|---|
| | Earth | Gravel or Stone | Surface Treated Gravel or Stone | Low-cost Bituminous Surfaces | Mix. Mac. or Asp. Con. | Cement Concrete |
| Brant | 2.7 | 65.8 | 2.7 | 22.7 | 5.1 | 1.0 |
| Bruce | .......... | 214.2 | 1.7 | 58.0 | 0.5 | 1.3 |
| Carleton | 14.1 | 88.8 | 37.1 | 38.7 | 58.3 | .......... |
| Dufferin | .......... | 159.4 | .......... | .......... | .......... | 1.1 |
| Elgin | .......... | 226.9 | 1.2 | 22.4 | .......... | 0.2 |
| Essex | .......... | 163.0 | .......... | 33.6 | 5.1 | 49.0 |
| Frontenac | .......... | 103.8 | 32.6 | 12.1 | 18.1 | .......... |
| Grey | .......... | 300.8 | .......... | 38.7 | .......... | 0.7 |
| Haldimand | 4.6 | 83.6 | 55.2 | .......... | 5.8 | 3.9 |
| Halton | .......... | 102.2 | .......... | 17.6 | .......... | 21.3 |
| Hastings | .......... | 254.3 | 2.2 | 5.3 | 15.1 | 2.3 |
| Huron | .......... | 311.4 | 1.9 | 59.5 | .......... | 0.5 |
| Kent | .......... | 154.1 | 6.0 | 88.4 | 2.8 | 22.7 |
| Lambton | .......... | 187.7 | 0.2 | 32.5 | 2.2 | 2.6 |
| Lanark | 8.8 | 167.0 | 16.0 | 22.7 | 16.4 | .......... |
| Leeds and Grenville | 31.8 | 106.3 | .......... | 55.2 | 62.2 | 3.7 |
| Lennox and Addington | .......... | 93.8 | 13.8 | 15.2 | 30.0 | .......... |
| Lincoln | .......... | 10.2 | 95.7 | 26.1 | 2.9 | 12.6 |
| Middlesex | .......... | 432.8 | 1.1 | 3.3 | .......... | 40.5 |
| Norfolk | 3.8 | 42.9 | 83.6 | 68.3 | .......... | 1.2 |
| Northumberland and Durham | .......... | 189.8 | .......... | 10.1 | 29.4 | .......... |
| Ontario | .......... | 169.3 | .......... | 27.2 | .......... | 4.7 |
| Oxford | .......... | 135.8 | 1.8 | 38.6 | .......... | .......... |
| Peel | .......... | 100.4 | .......... | 6.6 | 10.6 | 2.8 |
| Perth | .......... | 141.5 | 14.4 | 2.3 | .......... | .......... |
| Peterborough | .......... | 166.7 | .......... | 19.4 | .......... | .......... |
| Prescott and Russell | 25.7 | 153.3 | 88.4 | .......... | 18.5 | .......... |
| Prince Edward | .......... | 93.0 | 46.0 | 16.3 | 8.9 | 8.6 |
| Renfrew | 21.8 | 147.9 | 39.3 | 0.5 | .......... | 1.5 |
| Simcoe | .......... | 255.8 | .......... | 8.9 | 0.2 | .......... |
| Stormont, D. and G. | .......... | 198.6 | 137.4 | 126.1 | .......... | 1.2 |
| Victoria | .......... | 152.0 | .......... | 18.4 | 2.7 | .......... |
| Waterloo | .......... | 106.3 | 13.0 | 26.6 | .......... | 28.1 |
| Welland | .......... | 6.2 | 71.0 | 10.2 | 22.4 | 10.3 |
| Wellington | .......... | 296.5 | 7.8 | 16.3 | .......... | 12.9 |
| Wentworth | .......... | 65.0 | 42.4 | 40.5 | 3.9 | 2.6 |
| York | 16.4 | 90.4 | 78.3 | 70.0 | 73.4 | 15.9 |
| Total County Area | 129.7 | 5737.5 | 890.8 | 1058.3 | 394.5 | 253.2 |
| Organized — Township Roads in Districts | .......... | .......... | .......... | .......... | .......... | .......... |
| GRAND TOTALS | 129.7 | 5737.5 | 890.8 | 1058.3 | 394.5 | 253.2 |

**No. 9**
**AT THE END OF 1941**

| | ORGANIZED - TOWNSHIP ROADS | | | | | | |
|---|---|---|---|---|---|---|---|
| Total | Earth | Gravel or Stone | Surface Treated Gravel or Stone | Low-cost Bituminous Surfaces | Mix. Max. or Asp. Con. | Cement Concrete | TOTAL |
| 100.0 | 95.3 | 448.8 | 2.1 | ........ | ........ | ........ | 546.2 |
| 275.7 | 228.7 | 1403.0 | (New roads in Eastnor) | | | | 1631.7 |
| 237.0 | 326.2 | 732.6 | 9.0 | ........ | ........ | ........ | 1067.8 |
| 160.5 | 149.0 | 613.5 | ........ | ........ | ........ | ........ | 762.5 |
| 250.7 | 58.0 | 821.1 | ........ | 0.3 | ........ | ........ | 879.4 |
| 250.7 | 84.9 | 811.3 | ........ | ........ | ........ | 35.3 | 931.5 |
| 166.6 | 457.3 | 496.2 | ........ | 1.0 | ........ | ........ | 954.5 |
| 340.2 | 410.0 | 1662.3 | ........ | ........ | ........ | ........ | 2072.3 |
| 153.1 | 137.3 | 457.3 | 9.2 | ........ | ........ | ........ | 603.8 |
| 141.1 | 34.4 | 396.1 | ........ | ........ | ........ | 1.2 | 431.7 |
| 279.2 | 374.0 | 1122.8 | ........ | ........ | 1.0 | ........ | 1497.8 |
| 373.3 | 208.0 | 1352.1 | ........ | 0.8 | ........ | ........ | 1560.9 |
| 274.0 | 187.7 | 1140.2 | ........ | 0.4 | ........ | ........ | 1328.3 |
| 225.2 | 266.9 | 1170.6 | 2.0 | 0.3 | ........ | ........ | 1439.8 |
| 230.9 | 560.5 | 425.0 | ........ | ........ | ........ | ........ | 985.5 |
| 259.2 | 540.0 | 836.2 | ........ | 4.3 | 15.0 | ........ | 1395.5 |
| 152.8 | 279.7 | 375.9 | ........ | 0.5 | ........ | ........ | 656.1 |
| 147.5 | 247.3 | 408.4 | 9.8 | ........ | ........ | 3.6 | 669.1 |
| 447.7 | 150.5 | 1370.3 | ........ | ........ | ........ | 0.2 | 1521.0 |
| 199.8 | 407.1 | 519.7 | 0.3 | 2.5 | ........ | ........ | 929.6 |
| 229.3 | 916.6 | 1335.7 | ........ | ........ | ........ | ........ | 2252.3 |
| 201.2 | 246.3 | 932.4 | ........ | 0.2 | ........ | ........ | 1178.9 |
| 176.2 | 17.0 | 1024.3 | 2.3 | 3.0 | ........ | ........ | 1046.6 |
| 120.4 | 87.9 | 515.6 | ........ | ........ | ........ | ........ | 603.5 |
| 158.2 | 70.8 | 997.3 | 0.2 | ........ | ........ | ........ | 1068.3 |
| 186.1 | 304.5 | 625.6 | ........ | 1.4 | ........ | ........ | 931.5 |
| 285.9 | 631.6 | 316.4 | ........ | ........ | ........ | ........ | 948.0 |
| 172.8 | 56.4 | 317.7 | ........ | ........ | ........ | ........ | 374.1 |
| 211.0 | 1031.8 | 671.5 | ........ | ........ | ........ | ........ | 1703.3 |
| 264.9 | 491.2 | 1602.7 | ........ | ........ | ........ | ........ | 2093.9 |
| 463.3 | 519.7 | 799.8 | ........ | 5.5 | ........ | 5.2 | 1330.2 |
| 173.1 | 167.3 | 773.7 | ........ | ........ | ........ | ........ | 941.0 |
| 174.0 | 52.5 | 489.8 | ........ | ........ | ........ | 0.2 | 542.5 |
| 120.1 | 427.5 | 392.9 | 108.8 | 2.2 | 9.2 | 2.1 | 942.7 |
| 333.5 | 546.9 | 768.4 | ........ | ........ | ........ | 0.4 | 1315.7 |
| 154.4 | 99.3 | 464.0 | 0.6 | 0.3 | ........ | ........ | 564.2 |
| 344.4 | 511.4 | 1002.4 | 34.2 | 18.2 | 87.9 | 14.1 | 1668.2 |
| 8464.0 | 11381.5 | 29593.6 | 178.5 | 40.9 | 113.1 | 62.3 | 41369.9 |
| ........ | 1738.5 | 4790.3 | 20.0 | 17.0 | 1.5 | 7.8 | 6575.1 |
| 8464.0 | 13120.0 | 34383.9 | 198.5 | 57.9 | 114.6 | 70.1 | 47945.0 |

# Report of the Motor Vehicles Branch, 1941

To The Honourable T. B. McQuesten, K.C., B.A., LL.B.,
Minister of Highways, Ontario.

Sir:

I have the honour to present herewith a report relating to the activities of the Motor Vehicles Branch for the year 1941.

This report includes:

(1) A detailed summary of statistics pertaining to motor vehicle permits and drivers' licenses issued during the year;

(2) A statement, certified by the Provincial Auditor, showing revenue derived by this Branch from all sources during the fiscal year ending March 31st, 1942; and

(3) Reports relating to the work of the Accident Recording, Financial Responsibility, and Public Vehicle Divisions of the Branch during the calendar year, 1941.

Note: In view of existing conditions and in the interests of economy, an effort has been made here to eliminate a large amount of the statistical detail which has appeared in previous reports. If additional information is required, the data, if available, will be supplied upon application to the Registrar of Motor Vehicles.

### Motor Vehicle Registrations

The number of motor vehicles (including trailers) registered during 1941 was greater than during any previous year in the history of the Province and the total (787,933) represented an increase of 39,411 or 5.3 per cent. from the corresponding registration total for 1940.

Comparative figures for 1940 and 1941, and the percentage increase or decrease in the registrations of various types of vehicles are shown in the table below:

| Type of Permit | 1940 | 1941 | % Change |
|---|---|---|---|
| Passenger Cars | 610,576 | 636,624 | 4.3% Inc. |
| Commercial Vehicles | 86,038 | 95,022 | 10.4% Inc. |
| Two-Purpose Vehicles | 1,855 | 1,654 | 10.8% Dec. |
| Trailers | 44,650 | 48,739 | 9.2% Inc. |
| Motorcycles | 5,403 | 5,894 | 9.1% Inc. |
| Total | 748,522 | 787,933 | 5.3% Inc. |

### Drivers' Licenses

The number of Operators' and Chauffeurs' licenses, and Temporary Instruction Permits issued during 1940 and 1941 is shown in the following table:

| Type of License | 1940 | 1941 | % Change |
|---|---|---|---|
| Operator's | 660,551 | 689,814 | 4.4% Inc. |
| Chauffeur's | 276,348 | 296,191 | 7.2% Inc. |
| Motorcycle Operator's | 652 | 768 | 17.8% Inc. |
| Total | 937,551 | 986,773 | 5.2% Inc. |
| Temporary Instruction Permits | 116,349 | 122,002 | 4.9% Inc. |
| TOTAL | 1,053,900 | 1,108,775 | 5.2% Inc. |

### Revenue

Gross revenue collected by the Branch during the fiscal year (1941) ending March 31, 1942, amounted to $10,432,217.01 as compared with $9,590,440.44 for the previous year—representing an increase in gross revenue of 8.8 per cent. After deductions covering commissions, refunds, and adjustments, the net revenue amounted to $10,144,469.05 or $831,138.39 (8.9%) in excess of the net revenue for the fiscal year 1940–41.

### Accident Recording Division

During the calendar year 1941 there were 18,167 motor vehicle traffic accidents reported to the Branch, representing an advance of 7.4 per cent. from the total (16,921) for the previous year. The number of persons fatally injured, 801, was 11.9 per cent. above the total of 716 deaths reported during 1940. Fourteen thousand two hundred and seventy-five (14,275) persons suffered non-fatal injuries during the year as compared with 13,715 for the previous year.

(More complete data relating to Ontario accident experience are given in the summary appended hereto.)

During the year, more than two thousand licensed drivers were required to submit to re-examination. Of these, about one third were inexperienced drivers (who had been driving one year or less) who were required to undergo driving and vision tests following accidents. Drivers of advanced age, and drivers involved in fatal accidents made up the larger share of the remainder.

Apart from the fact that a considerable number of drivers have been isolated whose vision or physical or mental condition or driving ability failed to meet the requirements of safety, these tests have served a valuable purpose in developing a clearer understanding of the need for proper driving practices. Particularly in the case of younger drivers, the system of re-examination has served to show—at an early point in their driving career—that their behaviour on the highway is under a form of supervision by the Department, and this, in itself, should have a beneficial effect on their driving habits.

With advancing age there is usually a reduction in the normal ability to see as well as changes in other faculties affecting the operation of a motor vehicle, and unless the older driver is prepared to make the necessary changes in his manner of driving to compensate for the changes in physical condition, and slower reactions, there is an increased likelihood of his becoming involved in accidents. The re-examination of older drivers has thus been undertaken to discover to what extent the vision has deteriorated and whether he shows that he is properly aware of, and makes allowance for any other limitations by his manner of operation. In actual practice this work has served a definite and valuable purpose by removing many unfit drivers from the roads and by drawing attention to, and correcting, faulty driving habits or practices.

### Financial Responsibility Division

Suspension orders made effective by this Division during 1941 totalled 7,977, an increase of 14.7 per cent. from the corresponding total for the previous year. Of these, 7,006 (87.8%) were suspensions which applied to both driving licenses and motor vehicle permits, and required the filing of proof of financial responsibility under the provisions of Part XIII of the Highway Traffic Act. The remaining 971 were 'discretionary' suspensions, imposed by magistrates or this Department and, in most cases, affected drivers' licenses only.

A total of 61,550 suspension orders have been issued by this Division since its inception in September, 1930. Of this total, 30,279 remained in effect on December 31st, 1941.

### Public Vehicle Division

During the operating year, 1941, there were 9,136 Public Commercial Vehicles* registered, a total which was higher than during any previous year on record, and 751 more than were registered during the previous year. Largely as the result of amalgamations, the number of licensed operators (4,001) was sixty-one less than the corresponding total for 1940.

The 1,122 Public Vehicles† registered during 1941 represented an increase of 153 (15.8%) from the total (969) for the previous operating year. The number of licensed Public Vehicle operators (129) was one less than in 1940.

There were 198 school buses (used solely for the transportation of pupils to and from school in rural districts and for which no fee is charged) registered during the year, or 108 in excess of the corresponding total for the previous year. Licenses were issued to 192 Public (school) Vehicle operators.

The total revenue collected by this Division during the operating year 1941–42 amounted to $510,197.04.

The Motor Vehicles Branch maintains a staff of inspectors to supervise the operation of Public and Public Commercial Vehicles and to investigate complaints relating to the unlawful transportation of passengers and freight. Over the years there has developed a greater degree of co-operation between operators and the Department, which has resulted in a noticeable decrease in the number of unlawful operations reported.

All of which is respectfully submitted,

J. P. Bickell,
Registrar of Motor Vehicles.

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* Public Commercial Vehicle is defined as a commercial motor vehicle or trailer operated on the highway by, for, or on behalf of any person who receives compensation for the transportation of goods and not confined in its operation to any urban zone, but shall not include a commercial motor vehicle or trailer used only for the transportation from a farm or forest of goods other than live stock and milk which are the product of such farm or forest.

† Public Vehicle is defined as a motor vehicle operated on a highway by, for or on behalf of any person who receives compensation either directly or indirectly for the transportation of passengers, or passengers and express freight which might be carried in a passenger vehicle, but shall not include the cars of electric or steam railways running only upon rails, nor motor vehicles operated solely within the corporate limits of one urban municipality.

## COMPILED BY MOTOR VEHICLES BRANCH—DEPARTMENT OF HIGHWAYS
## 1941 STATISTICS
## MOTOR VEHICLE REGISTRATIONS

| | |
|---|---|
| Automobile Permits | 636,624 |
| Commercial Permits | 95,022 |
| Convertible Permits | 1,654 |
| Trailer Permits | 48,739 |
| Motorcycle Permits | 5,894 |
| Automobile Dealers' Permits | 1,076 |
| Motorcycle Dealers' Permits | 3 |
| Operators | 689,814 |
| Instruction Permits | 122,002 |
| Motorcycle Operators | 768 |
| Chauffeurs | 296,191 |
| In Transits | 14,511 |
| Transfers | 179,930 |
| Public Vehicles | 1,122 |
| Public Commercial Vehicles | 9,136 |

## PASSENGER CARS
### Cylinders and Horsepower

| | |
|---|---|
| Four Cylinders | 120,797 |
| Six Cylinders under 28 Horsepower | 308,003 |
| Six Cylinders over 28 Horsepower | 83,549 |
| Eight Cylinders under 35 Horsepower | 115,073 |
| Eight Cylinders over 35 Horsepower | 7,275 |
| Twelve Cylinders | 847 |
| Sixteen Cylinders | 23 |
| Electric | 1 |
| Ontario Government, Dominion Government | 1,056 |
| | 636,624 |

### Registrations

| | |
|---|---|
| Originals | 40,632 |
| Renewals | 595,992 |
| | 636,624 |

### Convertible Permits

| | |
|---|---|
| Four Cylinders | 1,094 |
| Six Cylinders under 28 Horsepower | 434 |
| Six Cylinders over 28 Horsepower | 13 |
| Eight Cylinders under 35 Horsepower | 108 |
| Eight Cylinders over 35 Horsepower | 3 |
| Ontario Government, Dominion Government | 2 |
| | 1,654 |

### Cities and Counties

| | Passenger Cars | Commercials |
|---|---|---|
| Algoma | 7,028 | 1,319 |
| Brant | 9,817 | 1,416 |
| Bruce | 8,935 | 742 |
| Carleton | 29,332 | 3,628 |
| Cochrane | 3,623 | 850 |
| Dufferin | 3,143 | 203 |
| Dundas | 3,095 | 344 |
| Durham | 5,150 | 525 |
| Elgin | 9,514 | 1,184 |
| Essex | 31,025 | 1,350 |
| Frontenac | 8,727 | 1,115 |
| Glengarry | 2,697 | 332 |
| Grenville | 3,065 | 428 |
| Grey | 10,265 | 1,087 |
| Haldimand | 5,513 | 717 |
| Haliburton | 897 | 182 |
| Halton | 6,028 | 959 |
| Hastings | 11,694 | 1,682 |
| Huron | 9,323 | 909 |

| | | |
|---|---|---|
| Kenora | 2,216 | 761 |
| Kent | 14,994 | 2,216 |
| Lambton | 12,271 | 1,415 |
| Lanark | 4,896 | 570 |
| Leeds | 6,582 | 1,072 |
| Lennox and Addington | 3,595 | 556 |
| Lincoln | 12,060 | 2,439 |
| Middlesex | 24,291 | 3,089 |
| Muskoka | 3,302 | 667 |
| Nipissing | 3,525 | 870 |
| Norfolk | 7,029 | 1,039 |
| Northumberland | 5,255 | 750 |
| Ontario | 11,927 | 1,437 |
| Oxford | 11,598 | 1,617 |
| Parry Sound | 3,723 | 726 |
| Peel | 7,005 | 1,093 |
| Perth | 10,027 | 1,050 |
| Peterborough | 7,927 | 977 |
| Prescott | 2,533 | 339 |
| Prince Edward | 3,376 | 506 |
| Rainy River | 1,859 | 547 |
| Renfrew | 8,041 | 1,018 |
| Russell | 1,866 | 355 |
| Simcoe | 14,679 | 2,043 |
| Stormont | 5,407 | 677 |
| Sudbury | 9,437 | 1,887 |
| Thunder Bay | 9,886 | 2,136 |
| Timiskaming | 10,279 | 2,250 |
| Victoria | 5,248 | 605 |
| Waterloo | 17,651 | 2,147 |
| Welland | 18,292 | 2,469 |
| Wellington | 10,500 | 1,118 |
| Wentworth | 36,853 | 4,917 |
| York | 159,512 | 27,315 |
| Miscellaneous | 111 | 77 |
| | 636,624 | 95,022 |

## Cities Only

| | Passenger Cars | Commercials |
|---|---|---|
| Belleville | 2,980 | 542 |
| Brantford | 5,890 | 997 |
| Brockville | 2,078 | 309 |
| Chatham | 3,823 | 820 |
| Fort William | 3,959 | 773 |
| Galt | 2,810 | 355 |
| Guelph | 3,547 | 576 |
| Hamilton | 28,183 | 3,721 |
| Kingston | 5,335 | 819 |
| Kitchener | 5,790 | 895 |
| London | 14,033 | 1,995 |
| Niagara Falls | 5,107 | 700 |
| North Bay | 3,446 | 791 |
| Oshawa | 5,412 | 672 |
| Ottawa | 21,583 | 2,592 |
| Owen Sound | 2,329 | 357 |
| Peterborough | 4,565 | 665 |
| Port Arthur | 3,371 | 660 |
| St. Catharines | 6,065 | 1,237 |
| St. Thomas | 3,286 | 450 |
| Sarnia | 3,590 | 561 |
| Sault Ste. Marie | 3,840 | 627 |
| Stratford | 2,813 | 389 |
| Sudbury | 4,986 | 870 |
| Toronto | 134,580 | 24,343 |
| Welland | 3,030 | 455 |
| Windsor | 15,758 | 2,332 |
| Woodstock | 2,314 | 407 |
| | 304,503 | 49,910 |

## MOTOR VEHICLES BRANCH — DEPARTMENT OF HIGHWAYS

### Revenue for Fiscal Year 1941-1942

| | | | |
|---|---|---|---|
| LICENSES— | | | |
| Passenger | | $ 4,623,017.10 | |
| Commercial | | 3,377,822.15 | |
| Two-Purpose | | 7,122.90 | |
| Trailers | | 334,587.66 | |
| Motorcycles | | 4,663.20 | |
| DEALERS— | | | |
| Automobiles | $ 15,456.00 | | |
| Motorcycles | 6.00 | | |
| | | 15,462.00 | |
| Operators and Instruction | | 704,369.00 | |
| Chauffeurs | | 304,516.60 | |
| Public Vehicles | | 192,903.84 | |
| Public Commercial Vehicles | | 314,411.49 | |
| Miscellaneous | | 348.18 | |
| | | | $ 9,879,224.12 |
| FEES— | | | |
| In Transits | | $ 4,575.10 | |
| Duplicate Cards | | 13,759.50 | |
| Transfers | | 146,276.00 | |
| Searches and Certificates | | 1,682.16 | |
| Lists | | 756.57 | |
| Examinations | | 16,799.00 | |
| Testing Headlights | | 160.00 | |
| | | | $ 184,008.33 |
| FINES— | | | |
| Breach of Highway Traffic Act | | | 81,236.60 |
| | | | $ 10,144,469.05 |

## MOTOR VEHICLES BRANCH — DEPARTMENT OF HIGHWAYS
### Revenue for Fiscal Year 1941-1942

| | Gross | Deductions | Net |
|---|---|---|---|
| Passenger Car Permits | $ 4,746,095.50 | $ 123,085.40 | $ 4,623,010.10 |
| Commercial Permits | 3,397,508.00 | 19,685.85 | 3,377,822.15 |
| Two-Purpose Permits | 7,442.50 | 319.60 | 7,122.90 |
| Trailer Permits | 344,396.76 | 9,809.10 | 334,587.66 |
| Motorcycle Permits | 5,376.50 | 713.30 | 4,663.20 |
| Dealers' Permits | 15,434.00 | 38.00 | 15,396.00 |
| Motorcycle Dealers' Permits | 6.00 | | 6.00 |
| Operators and Instruction | 780,945.00 | 76,576.00 | 704,369.00 |
| Chauffeurs | 332,568.00 | 28,052.40 | 304,515.60 |
| In Transits | 5,003.00 | 427.90 | 4,575.10 |
| Transfers | 172,159.00 | 25,883.00 | 146,276.00 |
| Public Vehicles | 192,903.84 | | 192,903.84 |
| Public Commercial Vehicles | 317,293.20 | 2,881.71 | 314,411.49 |
| Duplicate Cards | 13,771.00 | 11.50 | 13,759.50 |
| Searches and Certificates | 1,682.91 | .75 | 1,682.16 |
| Fines | 81,348.60 | 112.00 | 81,236.60 |
| Lists | 756.57 | | 756.57 |
| Postage | 75.24 | | 75.24 |
| Testing Headlights | 160.00 | | 160.00 |
| Examination Fees | 16,819.00 | 20.00 | 16,799.00 |
| Miscellaneous | 186.95 | 1.00 | 185.95 |
| | $ 10,431,931.57 | $ 287,617.51 | $ 10,144,314.06 |
| Balances Due from Agents | 128.55 | | |
| Less Amount Overcharged on Orig. Chauffeur | 1.90 | 130.45 | |
| | $ 10,431,931.57 | $ 287,747.96 | $ 10,144,183.61 |
| Bank Interest | .59 | | |
| 1940-41 Balances Paid | 206.85 | | |
| JOURNAL ENTRY— | | | |
| No. 11, Miscell. Permits (Pass.) | 7.00 | | |
| No. 44, Miscell. Permits (Dlrs.) | 60.00 | | |
| No. 61, Miscell. Permits (Miscel.) | 10.00 | | |
| No. 144, Dept. of Labour (Chauf.) | 1.00 | | 285.44 |
| | | | $ 10,144,469.05 |

## ANNUAL REPORT OF FINANCIAL RESPONSIBILITY DIVISION FOR THE YEAR 1941

During the year a total of nearly 8,000 suspensions were issued, an increase in excess of 1,000 from the total for the previous year. Of these, over 7,000 required the filing of proof of financial responsibility. As in 1940, *careless driving* was the major cause of the suspensions, representing about 43 per cent. of the total, an increase of approximately 20 per cent. from the number of suspensions issued for the same cause during the previous year. Approximately the same general increase was evident for all other offences.

Under an amendment to the Act, effective July 1st, 1941, the requirement of filing proof of financial responsibility may now be waived at any time after a period of two years has elapsed from the date of the last conviction requiring the filing of such proof. Previously, it was required that such proof be maintained for a period of at least three years. However, it view of the fact that this provision is discretionary with the Department after a two-year period has elapsed, it does not follow that all persons are relieved from filing proof at the expiration of this period. In fact, in no case is any such action taken until application is made to the Department for relief from this requirement. When such a request is received, the operating record of the person affected is received, the operating record of the person affected is reviewed, and if there is found to be sufficient cause, such person will be required to continue to file proof for a further indefinite period and until such time as his operating record appears to justify the waiving of this requirement.

The financial responsibility provisions of the Highway Traffic Act have now been in operation for a period of over ten years. Although during that period a number of important amendments have been enacted, the basic principles as set forth in the original Act remain unchanged. It is, therefore, very surprising that despite the length of time this law has been in operation the large number of people, even including barristers and solicitors, whom it would appear from our observations are unfamiliar with its provisions.

A booklet, prepared by the Motor Vehicles Branch, entitled "Motorist's Manual," thousands of copies of which are distributed annually, outlines the provisions of this part of the Act and there is also a very large annual distribution of the Highway Traffic Act. Both of these publications are available to the public at any time on application. Aside from this, the Department experienced no serious difficulty in administering this part of the Act.

Table 1, appended hereto, shows: (a) The number of suspensions for various offences applied during the year and the number of these which required the filing of proof of financial responsibility. It will be noted that by far the greatest number which did not require the filing of proof of financial responsibility were issued pursuant to the authority vested in the Minister under the provisions of Section 23 of the Act. Those affected by these orders were deemed unfit to hold drivers' licenses either because of mental or physical disabilities, or because of operating records which showed them to be incompetent or dangerous drivers. (b) Shows the number of suspensions reinstated upon the filing of proof of financial responsibility or because the period of suspension had expired. In order to show clearly the activities of the Department during the year, there has been added to these figures the number of suspensions which expired because those affected had refrained from operating motor vehicles for a period of at least two years. (a-b) Purports to show the number of suspensions applied which were still effective at the end of the year, and therefore as those which had expired were applied previous to 1941, these were not deducted. This, however, still will not give a true picture inasmuch as a small percentage of the financial responsibility suspensions and a large percentage of the non-financial responsibility suspensions which were reinstated were applied previous to 1941. These, however, have not been segregated.

Table II shows: (a) the number of suspensions applied and (b) the number rescinded from the time the law became effective in September, 1930. (a-b) therefore shows the number effective as of December 31st, 1941.

It is interesting to note here that the total number of suspensions applied and rescinded during the current year showed an increase of approximately 100 per cent. from the total for the year 1936. A comparatively large increase is evident in the number of convictions registered in the courts throughout the Province for infractions of the law involving the use of motor vehicles. This, therefore, would indicate a like increase in the activities of this Division. However, due to increased efficiency and the adoption of new methods in administering the Act, no appreciable increase in the number of staff required has been necessary.

## Table I

## STATISTICS RELATING TO SUSPENSIONS APPLIED, SUSPENSIONS REINSTATED AND SUSPENSIONS EFFECTIVE

### Period January 1, 1941, to December 31, 1941

| Offence | Suspensions Applied (A) | | | Suspensions Reinstated (B) | | | Suspensions Effective (A-B) | | |
|---|---|---|---|---|---|---|---|---|---|
| | Non-F.R. | F.R. | Total | Non-F.R. | F.R. | Total | Non-F.R. | F.R. | Total |
| Reckless Driving | 39 | 743 | 782 | 1 | 638 | 639 | 38 | 105 | 113 |
| Speeding | 2 | 23 | 25 | ..... | 12 | 12 | 2 | 11 | 13 |
| Racing | ..... | 2 | 2 | ..... | 2 | 2 | ..... | ..... | ..... |
| No License | ..... | 264 | 264 | ..... | 52 | 52 | ..... | 212 | 212 |
| Criminal Negligence | ..... | 3 | 3 | ..... | 3 | 3 | ..... | ..... | ..... |
| Other Offences | 16 | 25 | 41 | 44 | 3 | 7 | 12 | 22 | 34 |
| Judgments | 8 | 137 | 145 | 6 | 65 | 71 | 2 | 72 | 74 |
| Policy Cancellations | ..... | 1066 | 1066 | ..... | 267 | 267 | ..... | 799 | 799 |
| Leaving Scene of Accident | 6 | 193 | 499 | ..... | 195 | 195 | 6 | 298 | 304 |
| Intoxication | 26 | 1073 | 1099 | 8 | 252 | 260 | 18 | 821 | 839 |
| Section 23 | 866 | 3 | 869 | 168 | 4 | 172 | 698 | ..... | 698 |
| Theft | ..... | 117 | 117 | ..... | 2 | 2 | ..... | 115 | 115 |
| Manslaughter | ..... | 8 | 8 | ..... | 3 | 3 | ..... | 5 | 5 |
| Section 81 | 1 | ..... | 1 | ..... | ..... | ..... | 1 | ..... | 1 |
| Careless Driving | 7 | 3049 | 3056 | 3 | 1240 | 1243 | 4 | 1809 | 1813 |
| | 971 | 7006 | 7977 | 190 | 2738 | 2928 | 781 | 4269 | 5050 |
| Expired | ..... | ..... | ..... | 8 | 1246 | 1254 | ..... | ..... | ..... |
| TOTAL | 971 | 7006 | 7977 | 198 | 3984 | 4182 | 781 | 4269 | 5050 |

## Table II

## STATISTICS RELATING TO SUSPENSIONS APPLIED, SUSPENSIONS REINSTATED AND SUSPENSIONS EFFECTIVE

### Period September 1, 1930, to December 31, 1941

| Offence | Suspensions Applied (A) | | | Suspensions Reinstated (B) | | | Suspensions Effective* (A-B) | | |
|---|---|---|---|---|---|---|---|---|---|
| | Non-F.R. | F.R. | Total | Non-F.R. | F.R. | Total | Non-F.R. | F.R. | Total |
| Reckless Driving | 6541 | 18780 | 25321 | 342 | 10560 | 10902 | 6199 | 8220 | 14419 |
| Speeding | 357 | 500 | 857 | 10 | 357 | 367 | 347 | 143 | 490 |
| Racing | 6 | 18 | 24 | 2 | 16 | 18 | 4 | 2 | 6 |
| No License | 32 | 5470 | 5502 | 2 | 4297 | 4299 | 30 | 1173 | 1203 |
| Criminal Negligence | 6 | 294 | 300 | 1 | 130 | 131 | 5 | 164 | 169 |
| Other Offences | 546 | 829 | 1375 | 167 | 184 | 351 | 379 | 645 | 1024 |
| Judgments | 92 | 1067 | 1159 | 47 | 355 | 402 | 45 | 712 | 757 |
| Policy Cancellations | 3 | 9131 | 9134 | 3 | 4260 | 4263 | ..... | 4871 | 4871 |
| Leaving Scene of Accident | 50 | 2900 | 2950 | 6 | 1480 | 1486 | 44 | 1420 | 1464 |
| Intoxication | 177 | 7765 | 7942 | 79 | 2183 | 2262 | 98 | 5582 | 5680 |
| Section 23 | 3527 | 39 | 3566 | 608 | 16 | 624 | 2919 | 23 | 2942 |
| Theft | ..... | 337 | 337 | ..... | 5 | 5 | ..... | 332 | 332 |
| Manslaughter | ..... | 22 | 22 | ..... | ..... | ..... | ..... | 22 | 22 |
| Section 81 | 1 | 4 | 5 | 1 | ..... | 1 | ..... | 4 | 4 |
| Careless Driving | 7 | 3049 | 3056 | 3 | 1240 | 1243 | 4 | 1809 | 1813 |
| | 11345 | 50205 | 61550 | 1271 | 25083 | 26354 | 10074 | 25122 | 35196 |
| Expired | ..... | ..... | ..... | 39 | 4878 | 4917 | ..... | ..... | ..... |
| TOTAL SUSPENSIONS† | 11345 | 50205 | 61550 | 1310 | 29961 | 31271 | 10035 | 20244 | 30279 |

---

* A-B equals suspensions effective as of December 31, 1941.

† Showing total of Reinstated Suspensions plus suspensions which have expired. Total number of suspensions which have expired have been subtracted to show suspensions effective (30279).

## STATISTICS RELATING TO TONNAGES OF PUBLIC COMMERCIAL VEHICLES DETAILED BY LICENSE CLASS

| Class | Operating Licenses | No. of Vehicles | TRUCKS | | | | | | | | | | | | | | TRAILERS | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | GROSS TONNAGE | | | | | | | | | | | | | | GROSS TONNAGE | | | | | | | | | | | |
| | | | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 15 |
| A | 263 | 3212 | 2 | 25 | 19 | 52 | 57 | 93 | 308 | 388 | 811 | 29 | 2 | 1 | | 7 | | 11 | 1 | 26 | 30 | 121 | 1060 | 3 | 165 | | 1 | |
| B & C | | 32 | | 1 | 2 | 1 | 5 | 6 | 5 | 4 | 5 | | | | 1 | | | | | 1 | 1 | | | | | | | |
| B | 38 | 18 | | | 2 | 4 | 3 | 1 | 5 | 1 | 2 | | | | | | | | | | | | | | | | | |
| C | 696 | 1485 | 4 | 17 | 30 | 63 | 75 | 112 | 278 | 220 | 340 | 9 | 1 | 2 | 2 | 4 | 1 | 3 | 5 | 12 | 21 | 78 | 188 | 1 | 18 | 1 | | |
| D | 212 | 706 | 7 | 38 | 29 | 42 | 59 | 30 | 69 | 73 | 125 | 2 | | 1 | | 1 | | 3 | 1 | 14 | 28 | 47 | 119 | 1 | 14 | | | 3 |
| E | 677 | 830 | 41 | 121 | 137 | 157 | 112 | 78 | 112 | 35 | 24 | 2 | 1 | | | | 1 | 1 | | | 2 | 3 | 3 | | | | | |
| F | 1981 | 2531 | 16 | 81 | 148 | 300 | 325 | 295 | 688 | 410 | 230 | 2 | | 1 | 1 | | 2 | 3 | 1 | 4 | 2 | 8 | 12 | 1 | 1 | | | |
| H | 134 | 322 | | | 11 | 35 | 55 | 43 | 52 | 26 | 24 | 3 | 1 | | 1 | | | | 8 | 16 | 30 | 7 | 10 | | | | | |
| | 4001 | 9136 | 70 | 283 | 378 | 654 | 691 | 658 | 1517 | 1157 | 1561 | 47 | 5 | 5 | 5 | 12 | 4 | 21 | 16 | 73 | 114 | 264 | 1392 | 6 | 198 | 1 | 1 | 3 |

## NUMBER OF ACCIDENTS, DEATHS AND INJURIES BY CITIES

| | ACCIDENTS | | KILLED | INJURED |
|---|---|---|---|---|
| | No. | % | | |
| Belleville | 53 | .58 | 2 | 26 |
| Brantford | 221 | 2.40 | 3 | 156 |
| Chatham | 116 | 1.26 | 3 | 88 |
| Fort William | 205 | 2.23 | 4 | 147 |
| Galt | 83 | .90 | .. | 49 |
| Guelph | 129 | 1.40 | 1 | 101 |
| Hamilton | 1,162 | 12.61 | 31 | 866 |
| Kingston | 180 | 1.95 | 2 | 104 |
| Kitchener | 101 | 1.10 | 3 | 76 |
| London | 585 | 6.35 | 12 | 431 |
| Niagara Falls | 138 | 1.50 | .. | 93 |
| North Bay | 46 | .50 | 1 | 25 |
| Oshawa | 79 | .86 | 3 | 51 |
| Ottawa | 474 | 5.14 | 14 | 270 |
| Owen Sound | 29 | .31 | 2 | 24 |
| Peterborough | 153 | 1.66 | 3 | 110 |
| Port Arthur | 84 | .91 | 5 | 75 |
| St. Catharines | 168 | 1.82 | 7 | 122 |
| St. Thomas | 10 | .11 | 3 | 5 |
| Sarnia | 144 | 1.56 | 3 | 104 |
| Sault Ste. Marie | 165 | 1.79 | 4 | 88 |
| Stratford | 27 | .29 | 2 | 20 |
| Sudbury | 18 | .20 | 5 | 16 |
| Toronto | 3,622 | 39.31 | 91 | 3,169 |
| Welland | 65 | .71 | 4 | 40 |
| Windsor | 1,065 | 11.56 | 17 | 757 |
| Woodstock | 91 | .99 | 1 | 53 |
| TOTAL | 9,213 | 100.00 | 226 | 7,066 |

## NUMBER OF ACCIDENTS, DEATHS AND INJURIES, BY COUNTIES

| | ACCIDENTS | | KILLED | INJURED |
|---|---|---|---|---|
| | No. | % | | |
| Algoma | 215 | 1.18 | 7 | 125 |
| Brant | 349 | 1.92 | 7 | 269 |
| Bruce | 62 | .34 | 6 | .40 |
| Carleton | 684 | 3.76 | 27 | 452 |
| Cochrane | 130 | .72 | 6 | 88 |
| Dundas | 42 | .23 | .. | 13 |
| Dufferin | 38 | .21 | 3 | 39 |
| Durham | 87 | .48 | 11 | 94 |
| Elgin | 171 | .94 | 19 | 101 |
| Essex | 1,575 | 8.67 | 46 | 1,137 |
| Frontenac | 352 | 1.94 | 9 | 230 |
| Glengarry | 41 | .22 | 5 | 36 |
| Grenville | 92 | .51 | 3 | 50 |
| Grey | 118 | .65 | 10 | 93 |
| Haldimand | 132 | .73 | 10 | 95 |
| Haliburton | 9 | .05 | 4 | 9 |
| Halton | 193 | 1.06 | 11 | 145 |
| Hastings | 264 | 1.45 | 24 | 208 |
| Huron | 93 | .51 | 8 | 69 |
| Kenora | 96 | .53 | 2 | 71 |
| Kent | 435 | 2.39 | 32 | 354 |
| Lambton | 221 | 1.22 | 13 | 195 |
| Lanark | 110 | .61 | 4 | 92 |
| Leeds | 217 | 1.19 | 6 | 130 |
| Lennox and Addington | 83 | .46 | 5 | 85 |
| Lincoln | 392 | 2.16 | 26 | 289 |
| Manitoulin | 6 | .03 | .. | .... |
| Middlesex | 858 | 4.72 | 25 | 628 |
| Muskoka | 84 | .46 | 6 | 62 |
| Nipissing | 189 | 1.04 | 13 | 196 |
| Norfolk | 149 | .82 | 13 | 126 |

## NUMBER OF ACCIDENTS, DEATHS AND INJURIES, BY COUNTIES (Con't)

| | | | | |
|---|---|---|---|---|
| Northumberland | 92 | .51 | 18 | 98 |
| Ontario | 323 | 1.78 | 20 | 274 |
| Oxford | 216 | 1.19 | 13 | 181 |
| Parry Sound | 120 | .66 | 5 | 89 |
| Patricia | 1 | .... | .. | .... |
| Peel | 139 | .77 | 12 | 123 |
| Perth | 135 | .74 | 12 | 103 |
| Peterborough | 208 | 1.15 | 3 | 146 |
| Prescott | 52 | .29 | 5 | 26 |
| Prince Edward | 64 | .35 | 2 | 49 |
| Rainy River | 28 | .15 | 2 | 16 |
| Renfrew | 258 | 1.42 | 8 | 171 |
| Russell | 43 | .24 | 3 | 32 |
| Simcoe | 481 | 2.65 | 21 | 414 |
| Stormont | 103 | .57 | 7 | 90 |
| Sudbury | 98 | .54 | 11 | 83 |
| Thunder Bay | 505 | 2.78 | 14 | 371 |
| Timiskaming | 192 | 1.06 | 10 | 125 |
| Victoria | 63 | .35 | 2 | 56 |
| Waterloo | 385 | 2.12 | 16 | 262 |
| Welland | 645 | 3.55 | 38 | 460 |
| Wellington | 209 | 1.15 | 10 | 226 |
| Wentworth | 1,465 | 8.06 | 49 | 1,137 |
| York | 4,855 | 26.72 | 159 | 4,222 |
| TOTAL | 18,167 | 100.00 | 801 | 14,275 |

## PUBLIC VEHICLE STATISTICS

| | Public Vehicles | School Vehicles |
|---|---|---|
| No. of Operators | 129 | 192 |
| No. of Vehicles | 1,122 | 198 |
| No. of Seats | | |
| 5 or less | 33 | 54 |
| 6 | 31 | 24 |
| 7 | 43 | 25 |
| 8 | 5 | 10 |
| 9 | 1 | 2 |
| 10 | 15 | 4 |
| 11 | 8 | 2 |
| 12 | 11 | 19 |
| 13 | 1 | ... |
| 14 | 1 | 2 |
| 15 | 2 | 4 |
| 16 | 7 | 6 |
| 17 | 10 | 4 |
| 18 | 9 | 5 |
| 19 | 10 | ... |
| 20 | 60 | 9 |
| 21 | 148 | 10 |
| 22 | 1 | ... |
| 23 | 104 | 1 |
| 24 | 8 | 2 |
| 25 | 170 | 6 |
| 26 | 2 | 1 |
| 27 | 145 | ... |
| 28 | 5 | 1 |
| 29 | 175 | 4 |
| 30 | 7 | ... |
| 31 | 7 | ... |
| 32 | 2 | ... |
| 33 | 47 | ... |
| 34 | .... | ... |
| 35 | 1 | 2 |
| 36 | 18 | 1 |
| 37 | 35 | ... |

# STATISTICS RELATING TO MOTOR VEHICLE TRAFFIC ACCIDENTS — 1931-1941

Comparative figures for the years 1931 to 1941 are shown in the following table:

| | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | 1941 | % Increase†† | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fatal accidents | 525 | 461 | 372 | 476 | 501 | 501 | 686 | 580 | 573 | 642 | 747 | 16.4 | 6,064 |
| Personal injury accidents | 6,191 | 6,182 | 5,965 | 6,763 | 7,365 | 7,803 | 8,951 | 8,547 | 8,506 | 9,868 | 10,294 | 4.3 | 86,435 |
| Property damage only accidents | 2,525 | 2,528 | 2,297 | 2,406 | 2,782 | 3,084 | 4,269 | 4,588 | 4,631 | 6,411 | 7,126 | 11.2 | 42,647 |
| Total accidents reported | 9,241 | 9,171 | 8,634 | 9,645 | 10,648 | 11,388 | 13,906 | 13,715 | 13,710 | 16,921 | 18,167 | 7.4 | 135,146 |
| Number fatally injured | 571 | 502 | 403 | 512 | 560 | 546 | 766 | 640 | 652 | 716 | 801 | 11.9 | 6,669 |
| Number non-fatally injured | 8,494 | 8,231 | 7,877 | 8,990 | 9,839 | 10,251 | 12,092 | 11,683 | 11,638 | 13,715 | 14,275 | 4.1 | 117,085 |
| Amount of damage reported | $1,094,039 | $994,510 | $834,442 | $942,722 | $1,085,084 | $1,241,851 | $1,712,467 | $1,747,841 | $1,860,264 | $2,510,152 | $2,766,846 | 10.2 | $16,790,218 |
| Mileage rate* | 16.4 | 14.8 | 12.2 | 14.1 | 14.6 | 13.1 | 16.2 | 13.2 | 13.4 | 13.9 | 14.7 | 5.8 | ........... |
| Death rate for 10,000 vehicles | 10.2 | 9.4 | 7.7 | 9.4 | 9.9 | 9.3 | 12.3 | 9.6 | 9.6 | 10.2 | 10.8 | 5.9 | ........... |
| Death rate per 100,000 population | 16.6 | 14.4 | 11.3 | 14.1 | 15.2 | 14.8 | 20.6 | 17.1 | 17.4 | 19.0 | 21.3 | 12.1 | ........... |
| Total drivers involved | 13,336 | 13,060 | 12,141 | 13,731 | 15,111 | 16,070 | 20,025 | 19,906 | 19,793 | 25,281 | 27,193 | 7.6 | 195,647 |
| Drivers in fatal accidents | 614 | 526 | 420 | 570 | 579 | 602 | 843 | 729 | 674 | 783 | 900 | 14.9 | 7,240 |
| Total vehicles involved | 13,882 | 13,600 | 12,679 | 14,204 | 15,645 | 16,750 | 20,907 | 20,797 | 20,630 | 26,267 | 28,158 | 7.2 | 203,519 |
| Vehicles in fatal accidents | 638 | 556 | 455 | 587 | 607 | 626 | 862 | 758 | 692 | 811 | 924 | 13.9 | 7,516 |
| Vehicles registered** | 562,216 | 531,597 | 520,353 | 542,245 | 564,076 | 589,457 | 623,918 | 669,088 | 682,891 | 703,872 | 739,194 | 5.0 | ........... |
| Drivers registered† | 704,356 | 699,335 | 692,084 | 735,381 | 784,835 | 842,189 | 900,051 | 974,550 | 996,939 | 1,053,899 | 1,108,775 | 5.2 | ........... |
| CLASSIFICATION OF PERSONS KILLED: | | | | | | | | | | | | | |
| Drivers | 122 | 100 | 65 | 109 | 102 | 97 | 150 | 120 | 125 | 129 | 167 | 29.5 | 1,286 |
| Passengers | 152 | 125 | 121 | 140 | 175 | 156 | 221 | 203 | 206 | 228 | 218 | —4.4 | 1,945 |
| Pedestrians | 255 | 230 | 175 | 215 | 227 | 244 | 299 | 259 | 261 | 298 | 341 | 14.4 | 2,804 |
| Others (in horse-drawn vehicles, etc.) | 4 | 8 | 7 | 6 | 10 | 8 | 9 | 3 | 4 | 7 | 6 | ........... | 72 |
| Bicyclists | 18 | 27 | 25 | 31 | 36 | 30 | 65 | 43 | 48 | 42 | 60 | 42.9 | 425 |
| Motorcycle drivers | 15 | 10 | 6 | 7 | 9 | 9 | 17 | 11 | 8 | 9 | 8 | ........... | 109 |
| Motorcycle passengers | 5 | 2 | 4 | 4 | 1 | 2 | 5 | 1 | ........... | 3 | 1 | ........... | 28 |
| CLASSIFICATION OF PERSONS INJURED: | | | | | | | | | | | | | |
| Drivers | 1,612 | 1,546 | 1,423 | 1,630 | 1,782 | 1,815 | 2,273 | 2,250 | 2,375 | 2,748 | 3,019 | 9.9 | 22,473 |
| Passengers | 3,208 | 3,041 | 2,827 | 3,208 | 3,492 | 3,633 | 4,484 | 4,403 | 4,483 | 5,596 | 5,629 | .6 | 44,004 |
| Pedestrians | 2,880 | 2,737 | 2,646 | 2,979 | 3,179 | 3,362 | 3,696 | 3,361 | 3,171 | 3,666 | 3,793 | 3.5 | 35,470 |
| Others (persons in horse-drawn vehicles, etc.) | 139 | 113 | 121 | 151 | 142 | 123 | 135 | 138 | 121 | 121 | 130 | 7.4 | 1,434 |
| Bicyclists | 448 | 572 | 649 | 822 | 1,021 | 1,106 | 1,253 | 1,298 | 1,303 | 1,334 | 1,425 | 6.8 | 11,231 |
| Motorcycle drivers | 163 | 175 | 163 | 163 | 184 | 182 | 205 | 198 | 155 | 212 | 233 | 9.9 | 2,033 |
| Motorcycle passengers | 44 | 47 | 48 | 37 | 39 | 30 | 46 | 35 | 30 | 38 | 46 | 21.0 | 440 |
| AGE OF PERSONS KILLED: | | | | | | | | | | | | | |
| 0– 4 | 30 | 30 | 30 | 25 | 30 | 26 | 39 | 25 | 25 | 37 | 24 | —35.1 | 321 |
| 5–14 | 74 | 65 | 49 | 69 | 52 | 49 | 87 | 66 | 90 | 82 | 102 | 24.4 | 785 |
| 15–35 | 174 | 158 | 137 | 162 | 179 | 172 | 248 | 209 | 208 | 220 | 243 | 10.4 | 2,110 |
| 36–54 | 126 | 107 | 69 | 117 | 151 | 134 | 165 | 144 | 121 | 165 | 172 | 4.2 | 1,471 |
| 55–64 | 71 | 55 | 42 | 59 | 72 | 51 | 109 | 88 | 84 | 90 | 111 | 23.3 | 832 |
| 65 and over | 96 | 87 | 76 | 80 | 76 | 114 | 118 | 108 | 124 | 122 | 149 | 22.1 | 1,150 |
| Total | 571 | 502 | 403 | 512 | 560 | 546 | 766 | 640 | 652 | 716 | 801 | 11.9 | 6,669 |
| AGE OF PERSONS INJURED: | | | | | | | | | | | | | |
| 0– 4 | 483 | 419 | 452 | 437 | 501 | 498 | 586 | 566 | 470 | 579 | 582 | .5 | 5,573 |
| 5–14 | 1,344 | 1,388 | 1,411 | 1,480 | 1,594 | 1,676 | 1,854 | 1,729 | 1,650 | 1,881 | 2,000 | 6.3 | 18,007 |
| 15–35 | 2,800 | 3,018 | 2,828 | 3,414 | 3,806 | 4,085 | 4,865 | 4,820 | 5,000 | 5,992 | 6,271 | 4.6 | 46,899 |
| 36–54 | 1,508 | 1,612 | 1,636 | 1,891 | 2,145 | 2,207 | 2,673 | 2,610 | 2,647 | 2,931 | 2,925 | —.2 | 24,785 |
| 55–64 | 460 | 459 | 502 | 566 | 633 | 676 | 848 | 848 | 757 | 970 | 1,013 | 4.4 | 7,732 |
| 65 and over | 362 | 347 | 386 | 448 | 481 | 515 | 658 | 595 | 605 | 685 | 762 | 11.2 | 5,844 |
| Not stated | 1,537 | 988 | 662 | 754 | 679 | 594 | 608 | 515 | 509 | 677 | 722 | 6.6 | 8,245 |
| Total | 8,494 | 8,231 | 7,877 | 8,990 | 9,839 | 10,251 | 12,092 | 11,683 | 11,638 | 13,715 | 14,275 | 4.1 | 117,085 |
| ACCIDENTS BY LOCATION: | | | | | | | | | | | | | |
| Cities | 5,160 | 5,009 | 4,757 | 5,196 | 5,894 | 6,411 | 7,396 | 7,078 | 7,121 | 8,537 | 9,213 | 7.9 | 71,772 |
| Towns | 518 | 453 | 374 | 496 | 498 | 498 | 537 | 515 | 511 | 628 | 800 | 27.4 | 5,828 |
| Villages | 99 | 109 | 87 | 100 | 118 | 139 | 168 | 162 | 207 | 195 | 207 | 6.1 | 1,591 |
| (Urban) | (5,777) | (5,571) | (5,218) | (5,792) | (6,510) | (7,048) | (8,101) | (7,755) | (7,839) | (9,360) | (10,220) | 9.2 | (79,191) |
| King's Highways | 2,049 | 2,447 | 2,318 | 2,512 | 2,580 | 2,756 | 4,255 | 4,388 | 4,303 | 5,471 | 5,574 | 1.9 | 38,653 |
| County Roads | 900 | 748 | 655 | 906 | 1,068 | 1,066 | 951 | 970 | 996 | 1,301 | 1,413 | 8.6 | 10,974 |
| Township Roads | 515 | 405 | 443 | 435 | 490 | 518 | 599 | 602 | 572 | 789 | 960 | 21.7 | 6,328 |
| (Rural) | (3,464) | (3,600) | (3,416) | (3,853) | (4,138) | (4,340) | (5,805) | (5,960) | (5,871) | (7,561) | (7,947) | 5.1 | (55,955) |
| FATAL ACCIDENTS BY LOCATIONS: | | | | | | | | | | | | | |
| Cities | 165 | 135 | 105 | 148 | 144 | 140 | 189 | 149 | 145 | 156 | 222 | 42.3 | 1,698 |
| Towns | 37 | 43 | 37 | 39 | 39 | 37 | 47 | 44 | 37 | 37 | 35 | —5.4 | 432 |
| Villages | 16 | 15 | 8 | 7 | 11 | 16 | 22 | 13 | 17 | 16 | 14 | —12.5 | 155 |
| (Urban) | (218) | (193) | (150) | (194) | (194) | (193) | (258) | (206) | (199) | (209) | (271) | 29.7 | (2,285) |
| King's Highways | 172 | 150 | 126 | 149 | 170 | 169 | 285 | 256 | 237 | 308 | 319 | 3.6 | 2,341 |
| County Roads | 77 | 86 | 61 | 91 | 99 | 90 | 96 | 88 | 90 | 81 | 108 | 33.3 | 967 |
| Township Roads | 58 | 32 | 35 | 42 | 38 | 49 | 47 | 30 | 47 | 44 | 49 | 11.3 | 471 |
| (Rural) | (307) | (268) | (222) | (282) | (307) | (308) | (428) | (374) | (374) | (433) | (476) | 9.9 | (3,779) |

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* Deaths per 100,000,000 miles travelled This rate is based on gasoline consumption figures for the Province.

** Includes passenger cars, commercial vehicles, two-purpose vehicles and motorcycles (trailers not included).

† Totals include Temporary Instruction Permits.

†† Percentage increase in 1941 items from corresponding totals for 1940.

F9
2500—Nov 1937

PROVINCE OF ONTARIO
MOTOR VEHICLES BRANCH

# SUMMARY OF MOTOR VEHICLE ACCIDENT STATISTICS

ONTARIO DURING YEAR, 1941

## 1. TYPE OF ACCIDENT

| TYPE OF ACCIDENT | NUMBER OF ACCIDENTS Total | Fatal | Personal Injury | Property Damage only | NUMBER OF PERSONS KILLED Previous Year's Total All Ages | Total All Ages | 0-4 | 5-14 | 15-34 | 35-54 | 55-64 | 65 and Over | Not Stated | Male | Female | NUMBER OF PERSONS INJURED Previous Year's Total All Ages | Total All Ages | 0-4 | 5-14 | 15-34 | 35-54 | 55-64 | 65 and Over | Not Stated | Male | Female |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 Collision with pedestrian | 3837 | 330 | 3507 | | 296 | 335 | 20 | 66 | 42 | 61 | 62 | 84 | | 263 | 72 | 3597 | 3702 | 433 | 1114 | 623 | 631 | 353 | 382 | 166 | 2365 | 1337 |
| 2 Collision with other automobile | 8502 | 126 | 3262 | 5114 | 153 | 150 | 3 | 5 | 53 | 42 | 19 | 28 | | 107 | 43 | 5606 | 5687 | 102 | 253 | 2939 | 1408 | 413 | 241 | 331 | 3148 | 2539 |
| 3. Collision with horse drawn vehicle | 187 | 6 | 109 | 72 | 10 | 6 | | 2 | | 2 | 2 | | | 6 | | 143 | 146 | 4 | 8 | 47 | 40 | 22 | 19 | 6 | 122 | 24 |
| 4. Collision with R R train | 190 | 40 | 88 | 62 | 54 | 54 | | 1 | 23 | 15 | 8 | 7 | | 38 | 16 | 188 | 175 | 6 | 8 | 74 | 37 | 16 | 4 | 30 | 104 | 71 |
| 5. Collision with street car | 311 | 6 | 131 | 174 | 8 | 6 | | 1 | 2 | 2 | 1 | | | 5 | 1 | 175 | 209 | 3 | 4 | 125 | 46 | 15 | 6 | 10 | 129 | 80 |
| 6. Collision with other vehicles | 20 | 1 | 8 | 11 | | 1 | | | | 1 | | | | 1 | | 18 | 9 | | 1 | 5 | 2 | | | 1 | 5 | 4 |
| 7. Collision with fixed object. | 1926 | 83 | 881 | 962 | 73 | 93 | | 6 | 54 | 18 | 4 | 11 | | 76 | 17 | 1290 | 1492 | 19 | 47 | 941 | 312 | 71 | 34 | 68 | 1041 | 451 |
| 8. Collision with bicycle | 1457 | 59 | 1395 | 3 | 42 | 59 | | 13 | 19 | 16 | 4 | 7 | | 56 | 3 | 1344 | 1434 | 2 | 511 | 603 | 190 | 53 | 27 | 48 | 1240 | 194 |
| 9. Collision with motorcycle | 232 | 8 | 214 | 10 | 11 | 8 | | | 7 | | 1 | | | 8 | | 238 | 260 | | 6 | 221 | 20 | 1 | | 12 | 241 | 19 |
| 10. Non-collision accident | 1297 | 85 | 654 | 558 | 66 | 86 | 1 | 8 | 41 | 14 | 10 | 12 | | 65 | 21 | 1055 | 1103 | 12 | 41 | 660 | 228 | 69 | 46 | 47 | 706 | 397 |
| 11. Miscellaneous | 208 | 3 | 45 | 160 | 3 | 3 | | | 2 | 1 | | | | 3 | | 61 | 58 | 1 | 7 | 33 | 11 | | 3 | 3 | 40 | 18 |
| TOTALS | 18167 | 747 | 10294 | 7126 | 716 | 801 | 24 | 102 | 243 | 172 | 111 | 149 | — | 628 | 173 | 13715 | 14275 | 582 | 2000 | 6271 | 2925 | 1013 | 762 | 722 | 9141 | 5134 |

## 2. HOUR OF OCCURRENCE

| HOUR OF OCCURRENCE | NUMBER OF ACCIDENTS Total | Fatal | Personal Injury | Property Damage Only |
|---|---|---|---|---|
| 12 to 1 A.M. | 949 | 42 | 537 | 370 |
| 1 to 2 A.M. | 605 | 23 | 308 | 274 |
| 2 to 3 A.M. | 402 | 19 | 189 | 194 |
| 3 to 4 A.M. | 257 | 11 | 125 | 121 |
| 4 to 5 A.M. | 191 | 5 | 86 | 100 |
| 5 to 6 A.M. | 148 | 7 | 68 | 73 |
| 6 to 7 A.M. | 267 | 16 | 156 | 95 |
| 7 to 8 A.M. | 477 | 24 | 274 | 179 |
| 8 to 9 A.M. | 444 | 16 | 241 | 187 |
| 9 to 10 A.M. | 409 | 9 | 193 | 207 |
| 10 to 11 A.M. | 559 | 21 | 270 | 268 |
| 11 to 12 A.M. | 666 | 28 | 360 | 278 |
| 12 to 1 P.M. | 850 | 35 | 488 | 327 |
| 1 to 2 P.M. | 716 | 26 | 422 | 268 |
| 2 to 3 P.M. | 818 | 33 | 437 | 348 |
| 3 to 4 P.M. | 919 | 36 | 484 | 399 |
| 4 to 5 P.M. | 1138 | 37 | 685 | 416 |
| 5 to 6 P.M. | 1475 | 48 | 925 | 502 |
| 6 to 7 P.M. | 1321 | 55 | 787 | 479 |
| 7 to 8 P.M. | 1250 | 59 | 792 | 399 |
| 8 to 9 P.M. | 1246 | 57 | 742 | 447 |
| 9 to 10 P.M. | 969 | 45 | 563 | 361 |
| 10 to 11 P.M. | 918 | 42 | 505 | 371 |
| 11 to 12 P.M. | 1077 | 50 | 597 | 430 |
| Not stated | 96 | 3 | 60 | 33 |
| TOTALS | 18167 | 747 | 10294 | 7126 |

## 3. DAY OF OCCURRENCE

| DAY OF OCCURRENCE | NUMBER OF ACCIDENTS Total | Fatal | Personal Injury | Property Damage Only |
|---|---|---|---|---|
| 1. Sunday | 2617 | 112 | 1436 | 1069 |
| 2. Monday | 2305 | 70 | 1327 | 908 |
| 3. Tuesday | 2149 | 85 | 1224 | 840 |
| 4. Wednesday | 2330 | 111 | 1316 | 903 |
| 5. Thursday | 2253 | 94 | 1273 | 886 |
| 6. Friday | 2694 | 104 | 1548 | 1042 |
| 7. Saturday | 3819 | 171 | 2170 | 1478 |
| 8. Not stated | | | | |
| TOTALS | 18167 | 747 | 10294 | 7126 |

## 4. THE DRIVER

| THE DRIVER | NUMBER OF DRIVERS Total | In Fatal Accidents | In Personal Injury Accidents | In Prop'rty Damage Accidents |
|---|---|---|---|---|
| **SEX** | | | | |
| 1 Male | 25573 | 865 | 13026 | 11682 |
| 2. Female | 1620 | 35 | 903 | 682 |
| **AGE** | | | | |
| 1. Under 18 years | 969 | 24 | 563 | 382 |
| 2. 18 to 24 years | 6921 | 218 | 3535 | 3168 |
| 3. 25 to 40 years | 11593 | 388 | 5874 | 5331 |
| 4. 41 to 54 years | 5189 | 166 | 2698 | 2325 |
| 5. 55 to 64 years | 1671 | 68 | 840 | 763 |
| 6. 65 years and over | 591 | 33 | 307 | 251 |
| 7. Not stated | 259 | 3 | 112 | 144 |
| **DRIVING EXPERIENCE** | | | | |
| 1. Less than 3 months | 314 | 8 | 170 | 136 |
| 2. 3 to 6 months | 193 | 3 | 119 | 71 |
| 3. 6 to 12 months | 298 | 12 | 147 | 139 |
| 4. 1 to 4 years | 5309 | 123 | 2741 | 2445 |
| 5. 5 years and over | 19768 | 612 | 10115 | 9041 |
| 6. Not stated | 1311 | 142 | 637 | 532 |
| **CONDITION** | | | | |
| 1. Intoxicated | 362 | 16 | 155 | 191 |
| 2. Physical defect | 66 | 9 | 33 | 24 |
| 3. Extreme fatigue | 273 | 7 | 138 | 128 |
| 4. Normal | 26492 | 868 | 13603 | 12021 |
| **LICENSE** | | | | |
| 1. Licensed | 26636 | 879 | 13624 | 12133 |
| 2. Unlicensed | 509 | 21 | 282 | 206 |
| 3. Not stated | 48 | | 23 | 25 |
| Total number of drivers | 27193 | 900 | 13929 | 12364 |
| **MISCELLANEOUS** | | | | |
| 1. Hit and run | 103 | 13 | 56 | 34 |
| 2. Hit and run apprehended | 172 | 10 | 69 | 93 |
| 3. Arrested or summoned | 4315 | 153 | 2228 | 1934 |
| 4. Non-residents arrested | 217 | 10 | 119 | 88 |
| Totals | 4807 | 186 | 2472 | 2149 |

## 5. RESIDENCE OF DRIVER

| RESIDENCE OF DRIVER | NUMBER OF DRIVERS Total | In Fatal Accidents | In Personal Injury Accidents | In Prop'rty Damage Accidents |
|---|---|---|---|---|
| 1. Ontario | 25742 | 832 | 13210 | 11700 |
| 2. Quebec | 248 | 16 | 119 | 113 |
| 3. Other provinces | 97 | 4 | 35 | 58 |
| 4. Michigan | 539 | 28 | 266 | 245 |
| 5. Ohio | 60 | | 32 | 28 |
| 6. New York | 284 | 14 | 141 | 129 |
| 7. Illinois | 56 | 3 | 34 | 19 |
| 8. Massachusetts | 11 | 1 | 6 | 4 |
| 9. Pennsylvania | 43 | | 21 | 22 |
| 10. Other states | 106 | 2 | 61 | 43 |
| 11. All others | 7 | | 4 | 3 |
| Totals | 27193 | 900 | 13929 | 12364 |

## 6. ACTION OF DRIVER

| ACTION OF DRIVER | Total | In Fatal Accidents | In Personal Injury Accidents | In Prop'rty Damage Only Accidents |
|---|---|---|---|---|
| 1. Speed too fast for road or traffic conditions | 2327 | 142 | 1126 | 1059 |
| 2. On wrong side of road | 1526 | 56 | 687 | 783 |
| 3. Did not have right of way | 1167 | 23 | 577 | 567 |
| 4. Cutting in | 140 | 5 | 69 | 66 |
| 5. Passing standing street car | 31 | 1 | 29 | 1 |
| 6. Passing on curve or hill | 74 | 3 | 29 | 42 |
| 7. Passing on wrong side | 37 | 2 | 17 | 18 |
| 8. Failed to signal. | 291 | 3 | 114 | 174 |
| 9. Car ran away—no driver | 38 | 2 | 7 | 29 |
| 10. Drove off roadway | 469 | 16 | 232 | 221 |
| Totals | 6100 | 253 | 2887 | 2960 |

## 7. DIRECTION OF TRAVEL

| DIRECTION OF TRAVEL | NUMBER OF VEHICLES Total | Fatal | Personal Injury | Property Damage Only |
|---|---|---|---|---|
| 1. Going straight | 21453 | 811 | 11058 | 9584 |
| 2. Turning right | 781 | 9 | 409 | 363 |
| 3. Turning left | 2366 | 35 | 1250 | 1081 |
| 4. Backing | 302 | 8 | 180 | 114 |
| 5. Parked or standing still | 1839 | 33 | 791 | 1015 |
| 6. Slowing down or stopping | 604 | 7 | 248 | 349 |
| 7. Skidding | 813 | 21 | 363 | 429 |
| Totals | 28158 | 924 | 14299 | 12935 |

## 8. AMOUNT OF PROPERTY DAMAGE

$ 2,766,846

## 9. THE VEHICLE

| THE VEHICLE | NUMBER OF VEHICLES Total | In Fatal Accidents | In Personal Injury Accidents | In Prop'rty Damage Accidents |
|---|---|---|---|---|
| **TYPE** | | | | |
| 1 Passenger car | 22602 | 684 | 11662 | 10256 |
| 2. Commercial vehicle | 4414 | 195 | 1956 | 2263 |
| 3. Taxicab | 437 | 11 | 201 | 225 |
| 4. Bus | 216 | 11 | 121 | 84 |
| 5. Motorcycle | 327 | 12 | 304 | 11 |
| 6. Trailer | 98 | 2 | 33 | 63 |
| 7. All others | 47 | 3 | 18 | 26 |
| 8. Not stated | 17 | 6 | 4 | 7 |
| Totals | 28158 | 924 | 14299 | 12935 |
| **CONDITION** | | | | |
| 1. In apparent good condition | 26890 | 842 | 13635 | 12413 |
| 2. Brakes defective | 370 | 29 | 226 | 115 |
| 3. Steering mechanism defective | 154 | 4 | 69 | 81 |
| 4. Glaring headlights | 24 | | 11 | 13 |
| 5. One or both headlights out | 89 | 5 | 45 | 39 |
| 6. Tail-light out or obscured | 51 | 4 | 21 | 26 |
| 7. No chain (wet or icy road) | 5 | | 2 | 3 |
| 8. Other defects in equipment | 196 | 11 | 102 | 83 |
| 9 Puncture or blow-out | 199 | 12 | 94 | 93 |
| 10. Not stated. | 180 | 17 | 94 | 69 |
| Totals | 28158 | 924 | 14299 | 12935 |
| **BRAKES** | | | | |
| 1. Two-wheel | 655 | 26 | 493 | 136 |
| 2 Four-wheel | 27311 | 881 | 13709 | 12721 |
| 3. Not stated | 192 | 17 | 97 | 78 |
| Totals | 28158 | 924 | 14299 | 12935 |
| **TIRES** | | | | |
| 1. Pneumatic (high pressure) | 1178 | 55 | 542 | 581 |
| 2. Semi-balloon or balloon | 26784 | 852 | 13658 | 12274 |
| 3. Solid rubber | 3 | | 1 | 2 |
| 4. Not stated | 193 | 17 | 98 | 78 |
| Totals | 28158 | 924 | 14299 | 12935 |
| **INSURANCE** | | | | |
| 1. Insured | 16140 | 496 | 7741 | 7903 |
| 2. Un-insured | 10269 | 312 | 5679 | 4278 |
| 3. Not stated | 1749 | 116 | 879 | 754 |
| Totals | 28158 | 924 | 14299 | 12935 |

## 10. Weather Conditions

| Weather Conditions | NUMBER OF ACCIDENTS Total | Fatal | Personal Injury | Property Damage Only |
|---|---|---|---|---|
| 1 Clear. | 12368 | 499 | 7200 | 4669 |
| 2. Cloudy | 2598 | 122 | 1395 | 1081 |
| 3 Fog | 230 | 15 | 116 | 99 |
| 4 Rain | 1970 | 82 | 1138 | 750 |
| 5. Snow or Sleet. | 1001 | 29 | 445 | 527 |
| 6. Not stated | | | | |
| Totals | 18167 | 747 | 10294 | 7126 |

## 11. Light Conditions

| Light Conditions | NUMBER OF ACCIDENTS Total | Fatal | Personal Injury | Property Damage Only |
|---|---|---|---|---|
| 1. Daylight. | 9693 | 339 | 5556 | 3798 |
| 2. Dusk. | 863 | 30 | 515 | 318 |
| 3. Dark | 7607 | 378 | 4220 | 3009 |
| 4. Not stated | 4 | | 3 | 1 |
| Totals | 18167 | 747 | 10294 | 7126 |

## 12. THE PEDESTRIAN

| THE PEDESTRIAN | No. Accidents Fatal | Non-Fatal |
|---|---|---|
| **ACTIONS** | | |
| Crossing at street intersections: | | |
| 1. (a) With signal | 6 | 125 |
| 2 (b) Against signal | 4 | 119 |
| 3. (c) No signal | 44 | 642 |
| 4. (d) Diagonally | 8 | 96 |
| 5. Crossing between intersections | 69 | 716 |
| 6. Waiting for or getting on or off street car | 4 | 82 |
| 7. Standing in safety zone | 1 | 5 |
| 8. Getting on or off other vehicle | 4 | 36 |
| 9. Children playing in street | 39 | 709 |
| 10. At work in roadway | 9 | 73 |
| 11. Riding or hitching on vehicle | 7 | 40 |
| 12. Walking on highway | 61 | 135 |
| 13. Coming from behind parked vehicle or object | 24 | 475 |
| 14. Crossing highway | 46 | 169 |
| 15 On sidewalk | 4 | 85 |
| **CONDITION** | | |
| 1. Intoxicated | 18 | 177 |
| 2. Physical defect | 17 | 42 |
| 3. Confused by traffic | 22 | 269 |
| 4. View obstructed | 24 | 566 |
| 5. Normal | 249 | 2453 |
| Totals | 330 | 3507 |

## 13. CLASSIFICATION OF VICTIMS

| CLASSIFICATION OF VICTIMS | Killed | Injured |
|---|---|---|
| 1. Drivers | 167 | 3019 |
| 2. Passengers | 218 | 5629 |
| 3. Pedestrians | 341 | 3793 |
| 4. Others — (Persons in horse-drawn vehicles, etc.) | 6 | 130 |
| 5. Bicyclists | 60 | 1425 |
| 6. Motorcycle drivers | 8 | 233 |
| 7. Motorcycle passengers. | 1 | 46 |
| Totals | 801 | 14275 |

## 14. NATURE OF INJURIES

| NATURE OF INJURIES | Fatal | Non-Fatal |
|---|---|---|
| 1. Fractured skull | 400 | 245 |
| 2. Fractured spine | 70 | 53 |
| 3 Other fractures | 75 | 2233 |
| 4. Concussion of brain | 20 | 458 |
| 5. Severe general shock with bruises and cuts | 24 | 5380 |
| 6 Slight shock and shake up | 149 | 3663 |
| 7 Internal injuries | 49 | 207 |
| 8 Other injuries (sprains, dislocations, wrenches, etc.) | | 994 |
| 9 Cuts by glass (only) | 2 | 1033 |
| 10. Drowned | 10 | |
| 11. Burned | 2 | 6 |
| 12. Asphyxiated. | | 1 |
| 13. Not stated | | 2 |
| Totals | 801 | 14275 |

## 15. THE ROAD

| THE ROAD | NUMBER OF ACCIDENTS Total | Fatal | Personal Injury | Property Damage only |
|---|---|---|---|---|
| **LOCATION** | | | | |
| 1. Street intersection | 5675 | 114 | 3417 | 2144 |
| 2. Between street intersections. | 3975 | 126 | 2779 | 1070 |
| 3. Rural intersection | 1241 | 44 | 642 | 555 |
| 4. Straight road | 4414 | 295 | 2155 | 1964 |
| 5. Private driveway | 492 | 19 | 222 | 251 |
| 6. Curve | 1230 | 62 | 564 | 604 |
| 7. Hill | 657 | 38 | 294 | 325 |
| 8. R. R. crossing (a) Man on duty or gates. | 18 | 2 | 9 | 7 |
| 9. R.R. Crossing (b) Automatic signal | 37 | 9 | 15 | 13 |
| 10. R.R. Crossing (c) Unguarded. | 146 | 29 | 72 | 45 |
| 11. Bridge | 281 | 9 | 124 | 148 |
| 12. On ferry or dock | 1 | | 1 | |
| Totals | 18167 | 747 | 10294 | 7126 |
| **TYPE** | | | | |
| 1. Earth | 218 | 16 | 109 | 93 |
| 2. Gravel or crushed stone. | 1849 | 113 | 864 | 872 |
| 3. Paved—hard surface | 16100 | 618 | 9321 | 6161 |
| Totals | 18167 | 747 | 10294 | 7126 |
| **SURFACE** | | | | |
| 1. Dry surface. | 11728 | 511 | 7056 | 4161 |
| 2. Wet surface | 3203 | 141 | 1830 | 1232 |
| 3. Muddy surface | 40 | 2 | 16 | 22 |
| 4. Snowy surface | 1356 | 53 | 610 | 693 |
| 5. Icy surface | 1839 | 40 | 782 | 1017 |
| 6. Not stated | 1 | | | 1 |
| Totals | 18167 | 747 | 10294 | 7126 |
| **CONDITION** | | | | |
| 1. In good condition. | 17957 | 734 | 10203 | 7020 |
| 2. Defect in roadway | 102 | 4 | 39 | 59 |
| 3. Road under repair | 92 | 8 | 43 | 41 |
| 4. Obstruction not lighted. | 16 | 1 | 9 | 6 |
| Totals | 18167 | 747 | 10294 | 7126 |

J. P. BICKELL,
Registrar of Motor Vehicles.

# ANNUAL REPORT
OF
# THE COMMISSIONER
OF THE
# ONTARIO PROVINCIAL POLICE
FROM
JANUARY 1st, 1942 TO DECEMBER 31st, 1942

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 34, 1943

ONTARIO

TORONTO
Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty
1943

*To His Honour Albert Matthews, Esq.,*
*Lieutenant-Governor of the Province of Ontario.*

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to present to Your Honour the Report of The Commissioner of the Ontario Provincial Police covering the period January 1st, 1942, to December 31st, 1942.

Respectfully submitted,

G. D. CONANT,
*Attorney-General.*

Attorney-General's Department.

# ONTARIO PROVINCIAL POLICE

### *Commissioner*

W. H. Stringer

### *Deputy Commissioner*

H. S. McCready

### *Criminal Investigation Branch*

A. H. Ward, Chief Inspector

### *Inspectors*

E. C. Gurnett, M.M.
W. J. Franks
W. H. Kennedy (Act. Ins.)
E. D. L. Hammond
G. Mackay
E. Wright (Prov. Con.)
W. H. Lougheed
A. F. Grant (Act. Insp.)

### *Senior Staff Inspector*

W. C. Killing

### *Staff Inspectors*

A. Moss
E. T. Doyle
Inspector A. H. Palmer (R.C.A.F.)

### *Liquor Control Investigation Branch*

F. E. Elliott, *Chief Inspector*

### *District Inspectors*

| | | | | |
|---|---|---|---|---|
| No. 1 | District, | Windsor | District Inspector | P. Walter |
| No. 2 | " | London | " " | C. A. Jordan |
| No. 3 | " | Hamilton | " " | A. H. Knight |
| No. 4 | " | Niagara Falls | " " | C. F. Airey, M.S.M. |
| No. 5 | " | Toronto | Actg. District Inspector | E. Hand |
| No. 6 | " | Kitchener | " " " | W. A. Page |
| No. 7 | " | Barrie | District Inspector | R. Cox |
| No. 8 | " | Belleville | Actg. District Inspector | H. Storey |
| No. 9 | " | Perth | District Inspector | T. W. Cousans |
| No. 10 | " | Haileybury | " " | S. Oliver |
| No. 11 | " | Sudbury | " " | P. T. Hake |
| No. 12 | " | Port Arthur | " " | W. G. Ingram |

## In Memoriam

It is with regret I record the death at the Barrie General Hospital on July 29th, 1942, after a short illness, of Chauffeur James Cantwell, aged 51 years.

Cantwell was appointed Chauffeur on June 21st, 1922, and for many years gave efficient service at the Headquarters Garage, Toronto, and No. 7 District Headquarters, Barrie, Ontario.

# Report of the Commissioner of Police for Ontario

From January 1st, 1942, to December 31st, 1942

ONTARIO PROVINCIAL POLICE,
Headquarters, Toronto.

THE HONOURABLE THE ATTORNEY-GENERAL,
Parliament Buildings, Toronto, Ontario.

SIR:

I have the honour to submit, herewith, my Annual Report covering the work of the Ontario Provincial Police, together with statistical data for the period January 1st, 1942, to December 31st, 1942.

The form of this report closely follows the report submitted in 1941, but owing to the request by the Government for economy in printing, etc., the matter contained therein has been confined to the most important subjects and statistical information.

Owing to the continuation of hostilities between the United Nations and the Axis Powers the year under review has perhaps been the busiest in the history of the Force and has brought much additional work and long hours of service for all branches.

The services of the Force have been requested by the several bodies concerned in the enforcement of numerous war orders and restrictions issued under the provisions of the Wartime Prices and Trade Board and the Department of Munitions and Supply, particularly with regard to the conservation of gasoline, oil and rubber, the transportation of milk and cream, the operation of private commercial motor vehicles and the Regulations issued by the Transit Controller regarding bus and taxi operation.

## *Assistance to Other Forces and Departments*

At the request of the Municipal Councils a member of the Criminal Investigation Branch was detailed to investigate and report on police matters in North Bay, Hespeler and Port Hope.

On August 23rd, 1942, Thomas Watson, Chief Constable of Hespeler, committed suicide by shooting himself, leaving the municipality without any responsible police head.

At the request of the Town Council a member of No. 6 District Headquarters, Kitchener, was detailed to police the town until a new Chief Constable was appointed.

In October a conference was held at Windsor attended by the Deputy Attorney-General, the Police Commissioners and Chief Constable, City of Windsor, and myself, relative to unusual crime conditions existing in the city and environs.

As a result Officers of the Criminal Investigation Branch and No. 1 District Headquarters, Windsor, were detailed to assist the Windsor Police.

## *Return of Prosecutions*

The total number of prosecutions registered for all offences during the year was 21,876, a decrease of 1,326 over the corresponding period of 1941. The decrease is accounted for by a reduction in prosecutions under the Criminal Code and other Dominion Statutes of approximately 19.5 per cent. and under The Highway Traffic Act of approximately 28.4 per cent.

To offset this decrease there was an increase of prosecutions under The Liquor Control Act of approximately 20 per cent and 2,965 prosecutions registered under the War Measures Act (Reduction in Speed Limit).

RETURN OF PROSECUTIONS, CONVICTIONS, DISMISSALS AND WITHDRAWALS

| | Prosecutions | Convictions | Dismissals | Withdrawals |
|---|---|---|---|---|
| Criminal Code and Other Statutes. | 6,301 | 4,865 | 972 | 464 |
| Highway Traffic Act | 9,339 | 8,661 | 437 | 241 |
| Liquor Control Act | 3,015 | 2,624 | 195 | 196 |
| Wartime Regulations | 3,221 | 3,103 | 61 | 57 |
| Totals | 21,876 | 19,253 | 1,665 | 958 |
| 1941 Totals | 23,301 | 20,712 | 1,769 | 820 |

## *Crime.*

There was an increase of 694 in major occurrences reported and investigated during the year principally accounted for by the increase in "housebreaking" and "theft".

Under the heading of "housebreaking" are listed numerous cases of breaking and entering unoccupied cottages.

| | 1942 | 1941 |
|---|---|---|
| Murder | 12 | 9 |
| Manslaughter | 25 | 37 |
| Rape | 19 | 22 |
| Burglary | 90 | 97 |
| Housebreaking | 913 | 445 |
| Shopbreaking | 473 | 425 |
| Robbery | 43 | 54 |
| Robbery with Violence | 31 | 52 |
| Automobile Thefts | 374 | 365 |
| Other Thefts | 2,707 | 2,312 |

## *Juvenile Delinquency.*

In common with many Municipal Police Departments our records show that criminal depredations by youthful offenders have increased during the year, particularly in connection with offences relating to the theft of automobiles, breaking, entering and theft from stores and private residences, theft of bicycles and wilful destruction of property.

The tendency to "run wild" is more noticeable in the thickly populated centres both in this country and the United States and can be ascribed chiefly to the lack of home discipline by reasons of the adult members of the family being either in the Active Service Forces or engaged in industrial war work.

The members of this Force are working in close harmony with the officials of the Children's Aid and other service organizations wherever possible to alleviate the situation.

### *Gambling.*

Owing to complaints that gambling was rife in many municipalities in the Province and that the municipal authorities were unable to handle the situation, a decision was reached by the Government that this Force would render assistance in an endeavour to effect a remedy.

On May 1st, 1942, an "Anti-Gambling Squad" was established, the personnel being selected from several Districts with a Staff Inspector in charge.

That this action has been effective may be seen by the amount of work accomplished and the convictions obtained and by the fact that all the large gaming and betting houses which were operating in the Province closed their premises at the time of the formation of the Squad and have not since opened them for the purpose of gambling.

### *Prisoners-of-War.*

During the past year the Ontario Provincial Police have been instrumental in the recapture of a number of prisoners-of-war who had escaped from the several internment camps located in the Province.

### *Motor Patrol.*

There has not been a fatal or serious accident to any member of the personnel of the Motor Patrol since automobiles replaced motorcycles for patrol purposes.

Our records of service disclose that in the twelve months from January 1st to December 31st, 1941, 1,049 days were lost by members of the Motorcycle Patrol through sickness caused by injuries received while riding their motorcycles and colds from exposure to inclement weather.

In the twelve months from January 1st to December 31st, 1942, only 210 days were lost by members of the Patrol from the same causes.

This means that the full time of three additional men was available for duty in 1942.

### *Traffic Control and Supervision.*

The total number of accidents reported arising from the operation of motor vehicles on Highways shows a decrease for the twelve months ending December 31st, 1942, of 2,833.

RETURN OF ACCIDENTS

| | 1942 | 1941 |
|---|---|---|
| Accidents Reported | 4,622 | 7,455 |
| Fatal Accidents Reported | 264 | 377 |
| Number of Persons Killed | 305 | 405 |
| Number of Accidents Causing Personal Injuries | 1,918 | 3,313 |
| Number of Persons Injured | 3,275 | 5,850 |

### *Prosecutions under Highway Traffic Act and Related Ordnances.*

The returns of prosecutions for offences under The Highway Traffic Act, Section 285 of the Criminal Code, and the amendment to the War Measures Act show a total decrease of 1,414 over the corresponding period for 1941.

| | 1942 | 1941 |
|---|---|---|
| Prosecutions under Highway Traffic Act | 9,339 | 13,053 |
| Prosecutions under Criminal Code, Section 285 | 1,119 | 1,784 |
| Prosecutions under War Measures Act | 2,965 | .. |

### *Deaths from Accident or Misadventure.*

Returns show a decrease of approximately 25 per cent in the number of deaths reported through the operation of motor vehicles on Highways.

Accidental deaths from other causes however have considerably increased.

I refer briefly hereunder to a number of the more serious fatalities investigated:

| | | |
|---|---|---|
| 28 R.C.A.F. Crashes | 37 | killed |
| Launch Capsized near Beausoliel Island, Georgian Bay | 26 | drowned |
| C.P.R. Train Collision at Almonte Station | 36 | killed |
| Automobile and Train Collision near Pembroke | 6 | “ |
| Automobile and Train Collision near Pembroke | 5 | “ |
| C.P.R. Train Collision, Nipissing Junction | 5 | “ |
| Automobile and Train Collision at C.N.R. Crossing near Tecumseh. | 4 | “ |
| Automobile and Train Collision at C.N.R. Crossing near Strathroy. | 4 | “ |
| Building Collapse—Atlas Steel Co., Welland | 5 | “ |

### *Civil Defence Committee (A.R.P.).*

The work of the Ontario Civil Defence Committee has been considerably extended throughout the Province during the past year and additional areas have been designated as "exposed to definite risk of enemy attack".

Every effort has been made to co-operate with the various groups and senior members of the Force have been detailed to assist in their tuition and training.

By arrangement with Military District No. 2, the transmission of Air Raid Precaution signals to the several areas in the Province is now handled through No. 5 District Headquarters of this Force located at the Parliament Buildings, Toronto.

### *Blackouts.*

Three blackouts and one daylight test were held in the Toronto area during the year in which the members of this Force, assisted by the Ontario Volunteer Constabulary, controlled traffic on the main Highways.

These tests were conceded to be generally satisfactory and great credit is due those who are continually giving their time and talents to achieve a measure of preparedness.

### *Industrial Disturbances.*

No members of the Force were detailed for special duty at any industrial strike during the year.

The strike at the gold mines at Kirkland Lake which was in progress at the end of 1941 continued until February 11th, 1942, when the miners voluntarily returned to work.

*Algoma Steel Corporation, Sault Ste. Marie.*—A strike was called at the plant on September 1st, 1942, affecting 5,000 workers. Strikers returned to work September 5th.

*Ford Motor Company of Canada, Windsor.*—A strike was called at this industry November 24th, 1942, affecting 14,000 workers. Strike settled and workers returned November 30th.

*Dumarts Packing Plant, Kitchener.*—A strike was called at this industrial plant May 11th, 1942, affecting approximately 50 per cent of the employees. Strike settled and workers returned to their employment June 18th.

## *Visit of Dionne Quintuplets*

On October 24th, 1942, the Dionne Quintuplets and entourage visited Toronto for a period of four days, in aid of the Third Victory Loan, travelling by special car via C.N.R. from North Bay.

No. 10 District Headquarters provided an escort for the journey by rail, also a guard at their suite in the King Edward Hotel, where they were guests during their visit, and at all public appearances they made whilst here.

I am pleased to report that their visit passed off without any untoward incident, and that thousands of citizens received pleasure from their first view of the famous girls.

## *Departmental Motor Transport*

On December 31st, 1942, the Force was in possession of the following motor transport:

| | |
|---|---|
| White Patrol Cars | 91 |
| Police Passenger Cars | 70 |
| Station Wagons | 2 |
| Service Trucks | 1 |
| (Motorcycles) | (26) |

(Owned by the members of the Motorcycle Patrol on which a yearly depreciation allowance is paid.)

This shows an increase of 35 Patrol Cars, 5 Passenger Cars and 1 Service Truck over the number in operation December 31st, 1941.

The increase in the number of Patrol Cars is a continuance of the policy inaugurated two years ago of replacing motorcycles with automobiles. 35 motorcycles have been taken out of operation as a result.

Of the five additional Passenger Cars three were automobiles which had been confiscated and turned over for the use of this Department by order of the Attorney-General, while two were purchased by tender.

## *Personnel*

At midnight December 31st, 1942, the total strength of the Force (all ranks) including civilian help was 755, made up as follows:

| | |
|---|---|
| Regular Force | 455 |
| Special Constables | 117 |
| Veteran Guards | 183 |
| | 755 |
| *Less* 40 members of Regular Force on Active Service with C.A.S.F. | 40 |
| DUTY STRENGTH | 715 |

The Duty Strength on December 31st, 1941, was 780. From this it will be noted there is a general decrease of 65, accounted for in the decrease of Special

Constables enrolled in 1941 for duty in connection with the Kirkland Lake Gold Mine Strike and an increase in the number of Veteran Guards doing duty guarding Ontario Hydro Commission properties.

### *Inspection Tours*

During the past year I have made Tours of Inspection to all Districts and visited many separate Detachments, investigating complaints where necessary and advising on matters appertaining to the increased efficiency of the Force.

During the greater part of January and early part of February, I was engaged in personally supervising Police activities at the Kirkland Lake Strike.

The members of the Force have efficiently dealt with the many and varied matters requiring investigation, and it is gratifying to note the many letters received speaking in commendatory terms of the work done and services rendered by all branches of the Force.

### *Reports*

The work of the District Inspectors in charge of the several Districts and Officers in charge of the various Branches has been efficiently performed and will be found in greater detail in their individual reports which have been submitted and are available at this Office.

### *Escorts*

The Motor Patrol has continued to provide escorts for the numerous troop movements, convoys and ammunition transportation over our Highways and between interprovincial and international points.

Escorts were also provided for many distinguished persons visiting the Province including Their Royal Highnesses the Crown Prince and Princess of Norway, His Excellency Honourable Dr. Liu Shih Shun, Chinese Minister to Canada, envoys from the Union of Soviet Socialist Republics and several industrial commissions from the United States of America.

## Distribution of the Force, December 31st, 1942

| | General Headquarters | Crim. Invest. Branch | L.C.I. Branch | Headquarters Garage | No. 1 District | No. 2 District | No. 3 District | No. 4 District | No. 5 District | No. 6 District | No. 7 District | No. 8 District | No. 9 District | No. 10 District | No. 11 District | No. 12 District | Total Strength |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Commissioner | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| Deputy Commissioner | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| Chief Inspector | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| Senior Staff Inspector | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| Staff Inspectors | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 |
| Accountants | 3 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 3 |
| Inspectors, C.I.B. | ... | 7 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 7 |
| Actg. Inspectors, C.I.B. | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| Chief Inspector, L.C.I.B. | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| District Inspectors | 1 | ... | ... | ... | 1 | 1 | 1 | 1 | 1 | ... | 1 | ... | 1 | 1 | 1 | 1 | 11 |
| Act. District Inspectors | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | 2 |
| Actg. Sergeants | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 1 |
| Sergeants | ... | ... | ... | ... | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 14 |
| Patrol Sergeants, M.P. | ... | ... | ... | ... | ... | 1 | 1 | ... | 1 | ... | ... | 1 | 1 | ... | ... | ... | 5 |
| Corporals | ... | ... | ... | ... | ... | 1 | 1 | 2 | 1 | ... | ... | ... | 1 | 2 | 1 | 1 | 10 |
| Provincial Constables | 1 | 1 | ... | ... | 15 | 18 | 9 | 18 | 18 | 17 | 21 | 18 | 17 | 34 | 19 | 26 | 232 |
| Provincial Constables, M.P. | ... | ... | ... | ... | 11 | 12 | 16 | 11 | 16 | 11 | 7 | 13 | 14 | ... | ... | ... | 111 |
| Sergeants, Anti-Gambling | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| Prov. Consts., Anti-Gambling | 5 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 5 |
| Inspector of Automobiles | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| Actg. Insp. of Automobiles | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| Chauffeurs | ... | ... | ... | 3 | ... | ... | 1 | ... | ... | ... | ... | ... | 1 | ... | 1 | 1 | 7 |
| Garage Attendants | ... | ... | ... | 3 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 3 |
| Mechanics | ... | ... | ... | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 |
| Secretary | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| Clerks | 13 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 30 |
| TOTALS | 29 | 13 | 3 | 11 | 29 | 35 | 31 | 34 | 41 | 31 | 31 | 34 | 38 | 40 | 24 | 31 | 455 |
| Special Constables | 9 | ... | ... | ... | 6 | 5 | 11 | 9 | 32 | 2 | 7 | 6 | 9 | 8 | 5 | 8 | 117 |
| Veteran Guards | ... | ... | ... | ... | 4 | 2 | 20 | ... | 55 | 3 | ... | ... | 51 | 20 | 10 | 18 | 183 |
| GRAND TOTALS | 38 | 13 | 3 | 11 | 39 | 42 | 62 | 43 | 128 | 36 | 38 | 40 | 98 | 68 | 39 | 57 | 755 |

## Distribution of Motor Vehicular Equipment

| | Headquarters | Districts | | | | | | | | | | | | Totals |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
| Automobiles in Use by Regular Force | 13 | 5 | 3 | 2 | 6 | 2 | 6 | 4 | 7 | 6 | 9 | 4 | 3 | 70 |
| Highway Patrol Cars | 1 | 7 | 10 | 11 | 9 | 11 | 7 | 8 | 8 | 9 | 3 | 2 | 5 | 91 |
| Station Wagons | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 |
| Truck | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| TOTALS | 17 | 12 | 13 | 13 | 15 | 13 | 13 | 12 | 15 | 15 | 12 | 6 | 8 | 164 |

For the purposes of administration the Province is divided into twelve Districts numbered consecutively one to twelve, as follows:

No. 1 District, Headquarters Windsor—
comprising the Counties of Essex and Kent.

No. 2 District, Headquarters London—
comprising the Counties of Lambton, Middlesex, Elgin and Oxford.

No. 3 District, Headquarters Hamilton—
comprising the Counties of Wentworth, Halton, Brant and Norfolk.

No. 4 District, Headquarters Niagara Falls—
comprising the Counties of Haldimand, Lincoln and Welland.

No. 5 District, Headquarters Toronto—
comprising the Counties of York, Peel and Ontario.

No. 6 District, Headquarters Kitchener—
comprising the Counties of Bruce, Perth, Grey, Wellington, Waterloo and Huron.

No. 7 District, Headquarters Barrie—
comprising the Counties of Simcoe and Dufferin, and the Districts of Muskoka and Parry Sound.

No. 8 District, Headquarters Belleville—
comprising the Counties of Victoria, Haliburton, Peterborough, Northumberland and Durham, Hastings, Lennox and Addington, Prince Edward and Frontenac.

No. 9 District, Headquarters Perth—
comprising the Counties of Renfrew, Lanark, Dundas, Carleton, Grenville, Russell, Prescott, Stormont, Glengarry and Leeds.

No. 10 District, Headquarters Haileybury—
comprising the Districts of Temiskaming, Cochrane, Nipissing and a portion of Algoma.

No. 11 District, Headquarters Sudbury—
comprising the Districts of Sudbury, Manitoulin Island and a portion of Algoma.

No. 12 District, Headquarters Port Arthur—
comprising the Districts of Kenora, Rainy River, Thunder Bay and Patricia.

## Location of Members of Force

| Station or Detachment | Officers | Sergeants | Corporals | Prov. Constables | Prov. Constables M.P. | Special Constables | Chauffeurs Mechanics and Clerks |
|---|---|---|---|---|---|---|---|
| Headquarters: | | | | | | | |
| Toronto | 15 | ....... | ....... | 2 | ....... | 9 | 25 |
| No. 1 District: | | | | | | | |
| Windsor Hqrs. | 1 | 1 | ....... | 8 | 2 | 5 | 1 |
| Amherstburg | ....... | ....... | ....... | 1 | 1 | ....... | ....... |
| Leamington | ....... | ....... | ....... | 1 | 1 | ....... | ....... |
| Belle River | ....... | ....... | ....... | ....... | 1 | ....... | ....... |
| Kingsville | ....... | ....... | ....... | 1 | 1 | ....... | ....... |
| Blenheim | ....... | ....... | ....... | ....... | 1 | ....... | ....... |
| Dresden | ....... | ....... | ....... | ....... | 1 | ....... | ....... |
| Wallaceburg | ....... | ....... | ....... | 1 | 1 | ....... | ....... |
| Chatham | ....... | ....... | ....... | 2 | 1 | 1 | ....... |
| Tilbury | ....... | ....... | ....... | 1 | 1 | ....... | ....... |

LOCATION OF MEMBERS OF FORCE—Continued

| Station or Detachment | Officers | Sergeants | Corporals | Prov. Constables | Prov. Constables M.P. | Special Constables | Chauffeurs Mechanics and Clerks |
|---|---|---|---|---|---|---|---|
| No. 2 District: | | | | | | | |
| London Hqrs. | 1 | 2 | ....... | 7 | 2 | 4 | 2 |
| Strathroy | ....... | ....... | ....... | 2 | 1 | ....... | ....... |
| Sarnia | ....... | ....... | ....... | 2 | 1 | 1 | ....... |
| St. Thomas | ....... | ....... | 1 | 3 | 1 | ....... | ....... |
| Woodstock | ....... | ....... | ....... | 1 | 2 | ....... | ....... |
| Ingersoll | ....... | ....... | ....... | ....... | 1 | ....... | ....... |
| Lambeth | ....... | ....... | ....... | ....... | 1 | ....... | ....... |
| Forest | ....... | ....... | ....... | ....... | 1 | ....... | ....... |
| Appin | ....... | ....... | ....... | 1 | ....... | ....... | ....... |
| Iona | ....... | ....... | ....... | ....... | 1 | ....... | ....... |
| Tillsonburg | ....... | ....... | ....... | 1 | 1 | ....... | ....... |
| Petrolia | ....... | ....... | ....... | 1 | ....... | ....... | ....... |
| No. 3 District: | | | | | | | |
| Hamilton Hqrs. | 1 | 2 | ....... | 3 | 1 | 8 | 2 |
| Brantford | ....... | ....... | 1 | 1 | 2 | 1 | ....... |
| Simcoe | ....... | ....... | ....... | 3 | 1 | 1 | ....... |
| Paris | ....... | ....... | ....... | ....... | 1 | ....... | ....... |
| Milton | ....... | ....... | ....... | 1 | ....... | ....... | ....... |
| Waterdown | ....... | ....... | ....... | ....... | 1 | ....... | ....... |
| Dundas | ....... | ....... | ....... | ....... | 2 | ....... | ....... |
| Oakville | ....... | ....... | ....... | ....... | 2 | ....... | ....... |
| Burlington | ....... | ....... | ....... | ....... | 2 | 1 | ....... |
| Delhi | ....... | ....... | ....... | ....... | 1 | ....... | ....... |
| Stoney Creek | ....... | ....... | ....... | ....... | 2 | ....... | ....... |
| St. George | ....... | ....... | ....... | ....... | 1 | ....... | ....... |
| Acton | ....... | ....... | ....... | ....... | 1 | ....... | ....... |
| No. 4 District: | | | | | | | |
| Niagara Falls Hqrs. | 1 | 1 | ....... | 10 | 5 | 4 | 1 |
| Ridgeway | ....... | ....... | ....... | ....... | 1 | 1 | ....... |
| Fort Erie | ....... | ....... | ....... | 1 | ....... | ....... | ....... |
| Welland | ....... | ....... | 1 | 2 | ....... | 1 | ....... |
| Cayuga | ....... | ....... | ....... | 2 | ....... | ....... | ....... |
| St. Catharines | ....... | ....... | 1 | 3 | ....... | 1 | ....... |
| Grimsby | ....... | ....... | ....... | ....... | 1 | 1 | ....... |
| Beamsville | ....... | ....... | ....... | ....... | 1 | ....... | ....... |
| Hagersville | ....... | ....... | ....... | ....... | 1 | ....... | ....... |
| Dunnville | ....... | ....... | ....... | ....... | 1 | ....... | ....... |
| Port Colborne | ....... | ....... | ....... | ....... | 1 | ....... | ....... |
| Decew Falls | ....... | ....... | ....... | ....... | ....... | 1 | ....... |
| No. 5 District: | | | | | | | |
| Toronto Hqrs. | 2 | 3 | ....... | 14 | 1 | 32 | 1 |
| Brampton | ....... | ....... | ....... | 1 | 1 | 1 | ....... |
| Cooksville | ....... | ....... | ....... | ....... | 1 | ....... | ....... |
| Oshawa | ....... | ....... | 1 | ....... | ....... | 3 | ....... |
| Whitby | ....... | ....... | ....... | 1 | ....... | ....... | ....... |
| Beaverton | ....... | ....... | ....... | 1 | ....... | ....... | ....... |
| Sunderland | ....... | ....... | ....... | ....... | 1 | ....... | ....... |
| Thornhill | ....... | ....... | ....... | ....... | 1 | ....... | ....... |
| Mimico | ....... | ....... | ....... | ....... | 2 | ....... | ....... |
| Bolton | ....... | ....... | ....... | 2 | ....... | ....... | ....... |
| Aurora | ....... | ....... | ....... | ....... | 1 | ....... | ....... |
| Richmond Hill | ....... | ....... | ....... | ....... | 1 | ....... | ....... |
| Islington | ....... | ....... | ....... | ....... | 1 | ....... | ....... |
| Port Credit | ....... | ....... | ....... | ....... | 2 | ....... | ....... |
| Birchcliffe | ....... | ....... | ....... | ....... | 2 | ....... | ....... |
| Willowdale | ....... | ....... | ....... | ....... | 1 | ....... | ....... |
| Scarboro Bluffs | ....... | ....... | ....... | ....... | 1 | ....... | ....... |

LOCATION OF MEMBERS OF FORCE—Continued

| Station or Detachment | Officers | Sergeants | Corporals | Prov. Con-stables | Prov. Con-stables M.P. | Special Con-stables | Chauf-feurs Mechanics and Clerks |
|---|---|---|---|---|---|---|---|
| No. 6 District: | | | | | | | |
| Kitchener Hqrs.... | 1 | 1 | ....... | 6 | 1 | 1 | 1 |
| Walkerton........ | ....... | ....... | ....... | 1 | 2 | ....... | ....... |
| Wiarton.......... | ....... | ....... | ....... | 1 | ........ | ....... | ....... |
| Goderich......... | ....... | ....... | ....... | 2 | 1 | ....... | ....... |
| Stratford......... | ....... | ....... | ....... | 1 | 1 | ....... | ....... |
| Listowel.......... | ....... | ....... | ....... | 1 | ....... | ....... | ....... |
| Guelph........... | ....... | ....... | ....... | 1 | ....... | ....... | ....... |
| Flesherton........ | ....... | ....... | ....... | 1 | ....... | ....... | ....... |
| Owen Sound...... | ....... | ....... | ....... | 1 | 1 | 1 | ....... |
| Mitchell.......... | ....... | ....... | ....... | ....... | 1 | ....... | ....... |
| Arthur........... | ....... | ....... | ....... | 1 | 1 | ....... | ....... |
| Galt............. | ....... | ....... | ....... | 1 | ....... | ....... | ........ |
| Clinton.......... | ....... | ....... | ....... | ....... | 1 | ....... | ....... |
| Puslinch.......... | ....... | ....... | ....... | ....... | 1 | ....... | ....... |
| No. 7 District: | | | | | | | |
| Barrie Hqrs....... | 1 | 1 | ....... | 4 | 2 | 5 | 2 |
| Alliston.......... | ....... | ....... | ....... | 2 | ....... | ....... | ....... |
| Port Carling...... | ....... | ....... | ....... | 1 | ....... | ....... | ....... |
| Midland.......... | ....... | ....... | ....... | 1 | 1 | ....... | ....... |
| Orillia........... | ....... | ....... | ....... | 1 | 1 | ....... | ....... |
| Collingwood...... | ....... | ....... | ....... | 1 | 1 | ....... | ....... |
| Orangeville....... | ....... | ....... | ....... | 1 | 1 | ....... | ....... |
| Bracebridge....... | ....... | ....... | ....... | 1 | ....... | ....... | ....... |
| Huntsville........ | ....... | ....... | ....... | 1 | ....... | ....... | ....... |
| Gravenhurst...... | ....... | ....... | ....... | 1 | 1 | ....... | ....... |
| Parry Sound...... | ....... | ....... | 1 | 2 | ....... | 2 | ....... |
| Burks Falls....... | ....... | ....... | ....... | 1 | ....... | ....... | ....... |
| Bradford......... | ....... | ....... | ....... | ....... | 1 | ....... | ....... |
| Elmvale.......... | ....... | ....... | ....... | 1 | ....... | ....... | ....... |
| Bala............. | ....... | ....... | ....... | 1 | ....... | ....... | ....... |
| No. 8 District: | | | | | | | |
| Belleville Hqrs..... | 1 | 2 | ....... | 1 | 3 | 4 | 1 |
| Madoc........... | ....... | ....... | ....... | 1 | ....... | ....... | ....... |
| Lindsay.......... | ....... | ....... | ....... | 1 | 2 | ....... | ....... |
| Minden.......... | ....... | ....... | ....... | 2 | ....... | ....... | ....... |
| Peterborough..... | ....... | ....... | ....... | 1 | 1 | ....... | ....... |
| Cobourg......... | ....... | ....... | ....... | 2 | ....... | ....... | ....... |
| Bowmanville...... | ....... | ....... | ....... | 1 | 1 | ....... | ....... |
| Campbellford..... | ....... | ....... | ....... | 1 | ....... | ....... | ....... |
| Napanee......... | ....... | ....... | ....... | 1 | 1 | ....... | ....... |
| Colborne......... | ....... | ....... | ....... | ....... | 1 | ....... | ....... |
| Kingston......... | ....... | ....... | ....... | 3 | 2 | 1 | ....... |
| Sharbot Lake..... | ....... | ....... | ....... | 1 | ....... | ....... | ....... |
| Port Hope........ | ....... | ....... | ....... | ....... | 1 | ....... | ....... |
| Bancroft......... | ....... | ....... | ....... | 1 | ....... | ....... | ....... |
| Havelock......... | ....... | ....... | ....... | ....... | ....... | 1 | ....... |
| No. 9 District: | | | | | | | |
| Perth Hqrs........ | 1 | 2 | ....... | 4 | 1 | 2 | 2 |
| Cumberland...... | ....... | ....... | ....... | ....... | 1 | ....... | ....... |
| Rockland......... | ....... | ....... | ....... | 1 | ....... | ....... | ....... |
| Cornwall......... | ....... | ....... | ....... | 1 | 1 | ....... | ....... |
| Morrisburg....... | ....... | ....... | ....... | 1 | 1 | ....... | ....... |
| Renfrew.......... | ....... | ....... | ....... | 1 | 1 | ....... | ....... |
| Pembroke........ | ....... | ....... | 1 | 1 | 1 | ....... | ....... |
| Smiths Falls...... | ....... | ....... | ....... | ....... | 1 | ....... | ....... |
| Ottawa........... | ....... | 1 | ....... | 2 | ....... | 1 | ....... |
| Brockville........ | ....... | ....... | ....... | 1 | 1 | ....... | ....... |
| Prescott.......... | ....... | ....... | ....... | 1 | 1 | ....... | ....... |
| Hawkesbury...... | ....... | ....... | ....... | 1 | ....... | ....... | ....... |

Location of Members of Force—Continued

| Station or Detachment | Officers | Sergeants | Corporals | Prov. Con-stables | Prov. Con-stables M.P. | Special Con-stables | Chauf-feurs Mechanics and Clerks |
|---|---|---|---|---|---|---|---|
| No. 9 District—*Con.* | | | | | | | |
| L'Orignal | | | | 1 | | | |
| Alexandria | | | | 1 | | | |
| Arnprior | | | | | 1 | | |
| Gananoque | | | | | 1 | 1 | |
| Britannia Heights | | | | | 1 | | |
| Barry's Bay | | | | 1 | | 1 | |
| Carleton Place | | | | | 1 | | |
| Manotick | | | | | 1 | | |
| Calabogie | | | | | | 1 | |
| Chats Falls | | | | | | 3 | |
| No. 10 District: | | | | | | | |
| Haileybury Hqrs | 1 | 1 | | 4 | | 1 | 1 |
| Iroquois Falls | | | | 1 | | | |
| Matheson | | | | 1 | | | |
| Elk Lake | | | | 2 | | | |
| Timmins | | 1 | | 4 | | | |
| Kirkland Lake | | | | 2 | | 1 | |
| Larder Lake | | | | 2 | | | |
| Kapuskasing | | | | 2 | | | |
| Englehart | | | | 1 | | | |
| North Bay | | | 1 | 3 | | | |
| Sturgeon Falls | | | | 2 | | | |
| Mattawa | | | | 1 | | | |
| Temagami | | | | 1 | | | |
| Cochrane | | | 1 | 2 | | 3 | |
| Hearst | | | | 2 | | | |
| Schumacher | | | | 2 | | | |
| Fraserdale | | | | | | 1 | |
| Twin Falls | | | | | | 1 | |
| Powassan | | | | 1 | | | |
| No. 11 District: | | | | | | | |
| Sudbury Hqrs | 1 | 1 | | 7 | | 2 | 1 |
| Warren | | | | 1 | | | |
| Foleyet | | | | 1 | | | |
| Little Current | | | | 1 | | | |
| Sault Ste. Marie | | | 1 | 3 | | | |
| Blind River | | | | 1 | | | |
| Chapleau | | | | 1 | | | |
| Bruce Mines | | | | 1 | | | |
| Wawa | | | | 1 | | | |
| Espanola | | | | 1 | | | |
| Massey | | | | 1 | | | |
| Stinson | | | | | | 1 | |
| Coniston | | | | | | 1 | |
| Wahnipitae | | | | | | 1 | |
| No. 12 District: | | | | | | | |
| Port Arthur Hqrs | 1 | 1 | | 5 | | 2 | 2 |
| Fort William | | | | 2 | | | |
| Nipigon | | | | 1 | | | |
| Nakina | | | | 1 | | | |
| Kenora | | 1 | | 2 | | 1 | |
| Sioux Lookout | | | | 3 | | | |
| Dryden | | | | 1 | | | |
| Fort Frances | | | | 2 | | | |
| Rainy River | | | | 1 | | | |
| Red Lake | | | | 1 | | | |
| Geraldton | | | | 1 | | | |
| Beardmore | | | | 1 | | | |

LOCATION OF MEMBERS OF FORCE—Continued

| Station or Detachment | Officers | Sergeants | Corporals | Prov. Constables | Prov. Constables M.P. | Special Constables | Chauffeurs Mechanics and Clerks |
|---|---|---|---|---|---|---|---|
| No. 12 District—*Con.* | | | | | | | |
| Uchi Lake | ....... | ....... | ....... | 1 | ....... | ....... | ....... |
| Emo | ....... | ....... | ....... | 1 | ....... | ....... | ....... |
| Favourable Lake | ....... | ....... | ....... | ....... | ....... | 1 | ....... |
| Schreiber | ....... | ....... | ....... | 1 | ....... | ....... | ....... |
| Ferland | ....... | ....... | ....... | ....... | ....... | 1 | ....... |

## CHANGE IN PERSONNEL

### *Promotions*

On April 15th, 1942, Provincial Constable A. H. Grant, formerly of Sarnia Detachment, was promoted to the rank of Acting Inspector, Criminal Investigation Branch.

On December 1st, 1942, Provincial Constable W. H. Kennedy, formerly of Brockville, was promoted to the rank of Acting Inspector, Criminal Investigation Branch.

On October 1st, 1942, Corporal D. Hamilton, Cochrane, was promoted to the rank of Sergeant.

On March 1st, 1942, Provincial Constable E. V. McNeill, Pembroke, was promoted to the rank of Corporal.

### *Resignations*

Inspector A. S. Wilson, Criminal Investigation Branch, resigned with effect as from June 30th, 1942.

District Inspector F. Gardner, Belleville, resigned with effect as from December 31st, 1942.

During the period January 1st to December 31st, 1942, the following appointments to and retirements from the Force etc., became effective:

APPOINTMENTS

| | |
|---|---|
| Provincial Constables | 36 |

RETIREMENTS

| | |
|---|---|
| Superannuated—Provincial Constable | 1 |

RESIGNATIONS

| | |
|---|---|
| Inspector, C.I.B. | 1 |
| District Inspector | 1 |
| Provincial Constables | 10 |

DISMISSALS

| | |
|---|---|
| Provincial Constable | 1 |

TRANSFER

| | |
|---|---|
| Provincial Constable—To Fire Marshal's Office | 1 |

### RETURNED FROM ACTIVE SERVICE

Inspector George MacKay, Criminal Investigation Branch.
Provincial Constable W. G. Tomlinson, Headquarters Office.
Corporal C. W. Farrow, Brantford Detachment.

## *Transfers*

The policy put into effect of not permitting members of the Force to remain too long at one Detachment has been continued and a number of transfers from one part of the Province to another have been made.

It has also become necessary to make transfers to fill vacancies caused by dismissals, resignations and enlistments.

## ENLISTMENTS

The following members of the Force have been granted Leave of Absence for War Services:

| | | | |
|---|---|---|---|
| Barker, F. L. | Prov. Constable | July 15, 1942 | Lieut. 2nd 10th Dragoons, C.A.S.F. |
| Boyd, W. H. | Insp. of Autos. | Nov. 6, 1939 | Fl. Lt. Service Police, R.C.A.F. |
| Callaghan, E. S. | Prov. Constable | Oct. 14, 1941 | Lieut. C.A.S.F. |
| Callander, J. W. | Prov. Constable | Oct. 11, 1940 | 11th Provost Co., C.A.S.F. |
| Campbell, A. | Prov. Constable | July 15, 1942 | W.A.G., R.C.A.F. |
| Campbell, D. G. | Prov. Constable | Mar. 3, 1941 | Lieut. C.A.S.F. |
| Carr, L. C. | Prov. Constable | May 6, 1940 | Fl. Officer (A.P.M.), R.C.A.F. |
| Caverley, W. R. | Prov. Constable | June 12, 1942 | Sgt. R.C.A. 12th A.T. Batty., C.A.S.F. |
| Clubbe, G. V. | Prov. Constable | Aug. 7, 1940 | Lt. 4th Div. Prov. Coy., C.A.S.F. |
| Coffey, V. P. | Prov. Constable | Nov. 30, 1942 | A.C. 2, R.C.A.F. |
| Creasy, F. B. | Dist. Inspector | Mar. 19, 1940 | Capt. 2nd Div. Prov. Coy., C.A.S.F. |
| Crosson, J. D. | Prov. Constable | Aug. 27, 1940 | 3rd Div. Prov. Coy., C.A.S.F. |
| Davis, R. | Clerk | Nov. 10, 1941 | A.C. 1, R.C.A.F. |
| Ervine, S. | Prov. Con., M.C.P. | July 3, 1940 | Capt. Hastings & P.E. Reg., C.A.S.F. |
| France, R. G. | Prov. Con., M.C.P. | May 11, 1940 | Fl. Officer (A.P.M.), R.C.A.F. |
| Gilling, W. | Prov. Constable | May 30, 1940 | 2nd Div. Prov. Coy., C.A.S.F. |
| Grant, P. J. | Prov. Con., M.C.P. | May 24, 1941 | Sgt. Instructor, R.C.A.F. |
| Hanson, J. | Prov. Constable | Nov. 17, 1941 | A.C. 2, R.C.A.F. |
| Houldcroft, T. A. | Prov. Constable | Aug. 18, 1941 | A.C. 2, R.C.A.F. |
| Hughes, G. | Prov. Constable | Aug. 4, 1940 | Cameron Highlanders, C.A.S.F. |
| Johnson, R. E. | Prov. Constable | June 20, 1940 | Corp. 3rd Div. Prov. Coy., C.A.S.F. |
| Kennedy, W. A. | Prov. Con., M.C.P. | June 1, 1940 | 48th Highlanders, C.A.S.F. |
| Long, G. | Clerk | May 15, 1942 | A.C. 1, R.C.A.F. |
| McCarthy, C. P. | Clerk | Sept. 19, 1939 | Ont. Tank Regt., C.A.S.F. |
| MacLean, J. F. | Prov. Constable | Mar. 3, 1941 | Lieut., C.A.S.F. |
| Marsland, W. | Prov. Con., M.C.P. | Aug. 14, 1942 | Cadet Brockville Officers T.S. |
| Mason, A. M. | Prov. Constable | June 20, 1940 | Fl. Officer (A.P.M.), R.C.A.F. |
| McColl, A. | Prov. Constable | Sept. 11, 1940 | c/o British Admiralty, Trinidad. |
| McMillan, J. G. | Prov. Constable | Sept. 12, 1942 | Pte. No. 3 Prov. Coy., C.A.S.F. |
| Mennie, A. L. | Prov. Constable | Aug. 3, 1940 | 47th Field Battn., C.A.S.F. |
| Palmer, A. H. | Dist. Inspector | Dec. 11, 1942 | Fl. Officer, R.C.A.F. |
| Raymer, R. E. | Prov. Constable | June 20, 1940 | Fl. Officer (A.P.M.), R.C.A.F. |
| Rhodes, W. | Accountant | Oct. 23, 1942 | A.C. 2, R.C.A.F. |
| Robbie, I. | Prov. Constable | May 22, 1940 | Capt. O.C. 3rd Div. Prov. Co., C.A.S.F. |
| Rogers, J. A. | Prov. Constable | Aug. 3, 1941 | Lt. 11th Coy., Prov. Co., C.A.S.F. |
| Scanlan, M. | Prov. Constable | July 22, 1942 | Pte. 4th Coy., Prov. Co., R.C.A.F. |
| Scherer, V. L. | Prov. Constable | July 16, 1942 | Cp.. R.C.A.F. |
| Sheff, J. B. | Prov. Constable | June 7, 1940 | Capt. 4th Div. Prov. Coy., C.A.S.F. |
| Shipley, L. L. | Prov. Constable | Aug. 7, 1940 | Lt. 4th Div. Prov. Coy., C.A.S.F. |
| Smith, W. E. | Prov. Constable | Aug. 5, 1940 | Royal Can. Artillery, C.A.S.F. |
| Stark, A. A. | Prov. Constable | Oct. 9, 1939 | Fl. Officer, R.C.A.F. |
| Swan, A. | Clerk | May 6, 1940 | 2nd Div. Prov. Coy., C.A.S.F. |
| Taggart, R. J. | Prov. Constable | Aug. 31, 1940 | Lt. Queen's York Rangers, C.A.S.F. |
| West, L. E. | Prov. Con., M.C.P. | Aug. 12, 1942 | R.C.A.F. |

### *Commendations*

Thirty-two members of the Force were commended in Police Orders during the twelve months under review for their devotion to duty coupled with the efficient and thorough manner in which they carried out investigations in matters coming under their purview.

### *Superannuation*

Under an Order-in-Council dated December 8th, 1942, Provincial Constable David Silvester of Bowmanville Detachment, No. 8 District, was retired on superannuation by reason of ill health. David Silvester was appointed an Inspector under the Ontario Temperance Act, August 4th, 1920, and when the O.T.A. was repealed in 1927 was sworn in as a Provincial Constable, Ontario Provincial Police. He was an efficient and faithful Officer.

### *Provincial Constable C. F. Dean, Motorcycle Patrol, Seriously Injured by Hit-and-Run Driver*

At about 6.00 a.m., November 20th, 1942, Provincial Constable C. F. Dean of the Bradford Detachment, Motorcycle Patrol, received a message to the effect that an automobile suspected of being involved in a series of burglaries and thefts in the Barrie area was proceeding south on No. 11 Highway toward Bradford. Provincial Constable Dean immediately took up a post with Provincial Constables L. B. Byles and C. McNichol at the junction of Highways Nos. 11 and 88, Bradford, and shortly afterward an automobile being driven at high speed approached the intersection. Provincial Constable Dean, who was in uniform, stood in the roadway and attempted to flag the automobile which slowed down momentarily then speeded up and deliberately drove over Provincial Constable Dean, seriously injuring him by causing a double fracture of his left leg.

Other members of the Force immediately gave chase to the offending automobile, but owing to its superior speed it made a clean get-away.

An intensive investigation was immediately commenced, and although there is almost definite proof that the automobile and the driver responsible had been concerned in many other crimes and is now serving sentences, sufficient proof to warrant prosecution in this case has not yet been obtained.

## REVOLVER COMPETITIONS

At the Revolver Competitions sponsored by the Police Association of Ontario and the Guelph Police Association, held at Guelph on July 1st, 1942, the Ontario Provincial Police Team captured "First Place Honours" in the Police Association of Ontario Team Match, the individual scores being as follows:

| | |
|---|---|
| Sergeant D. H. Darby | 341 |
| Provincial Constable J. Rowe | 315 |
| Provincial Constable W. B. Elliott | 310 |
| | 966 |

Sergeant Darby of No. 3 District Headquarters, Hamilton, also retained his title for individual honours in the Police Association of Ontario Competition with a score of 341 out of a possible 360.

Owing to stress of duties and the necessity for the conservation of ammunition only one team took part in the Competitions during 1942.

## TRAINING SCHOOL

The Spring Term of the Ontario Provincial and Municipal Police Training School was held at the Toronto Police Headquarters, 149 College Street, Toronto, from March 9th to April 11th, 1942.

The curriculum of study was divided into five parts, namely, Police Procedure, Evidence and Procedure, Criminal Law, General Statutes, Highway Traffic and Educational Tuition.

There were also lectures on Sabotage Prevention, Air Raid Precautions and Handling of Bombs and Explosives.

The Session was attended by fifteen members of this Force, all of whom attained creditable standing on examination, and twenty-six other Police Officers from various Municipalities.

It is realized that during the present crisis, when Police are called upon to meet emergent situations and to provide adequate protection to life and property, proper training is more necessary than ever before.

## COUNTY CONSTABULARIES

Members of this Force are performing the duties of Acting High Constables in each of the following Counties:

Essex
Brant
Oxford
Norfolk
Elgin
Kent
Lambton
Hastings
Glengarry
Halton
Lincoln
Welland
Haldimand
Ontario
Peel
Stormont
Dundas
Huron
Waterloo
Bruce
Grey
Wellington
Perth
Simcoe
Renfrew
Leeds
Dufferin
Wentworth
Prince Edward
Victoria and Haliburton
Peterborough
Northumberland and Durham
Lennox and Addington
Frontenac
Grenville
Prescott and Russell
Middlesex
Carleton

The Counties of York and Lanark still employ salaried High Constables, and in a few Counties and Townships active salaried County and Township Constables are employed.

For the greater part, however, law enforcement (outside cities and towns) in the Province has become the responsibility of this Force.

## ONTARIO VOLUNTEER CONSTABULARY

| | |
|---|---|
| Strength January 1st, 1942 | 523 |
| Taken on Strength | 277 |
| Struck off Strength | 122 |
| Strength December 31st, 1942 | 678 |

Headquarters, Room 520, Queen's Park, Toronto, Ontario.
Commanding Officer, Superintendent J. Hunter.

Headquarters Staff:
Deputy Superintendent I. F. Wismer, D.C.M., C. de G., 2nd in Command.
Capt. R. P. Rupert (Liaison Officer).
Capt. W. B. Hambly (Quartermaster).
Lieut. R. T. Walker (Paymaster).
Lieut. H. A. Hodgins (Records Officer).
Regimental Sergeant Major J. Reid.
Lieut. A. C. Morrison (Weapons Officer).

The Ontario Volunteer Constabulary is now organized in eight Districts, as hereunder:

### *District No. 1, Windsor*

| | |
|---|---|
| Strength January 1st, 1942 | 54 |
| Taken on Strength | 39 |
| Struck off Strength | 18 |
| Strength December 31st, 1942 | 75 |

No. 1 District commanded by District Inspector J. E. Griffith.

During the year a new Unit was organized in Chatham. By special arrangements with local authorities, District No. 1, O.V.C., took over the policing in the immediate vicinity of all war plants in the Windsor area during blackouts or other emergencies. On several occasions the unit has been of valuable assistance to local and Ontario Provincial Police. The unit has now completed courses in Rifle, Revolver, First Aid, Unarmed Combat and Police Instructions and assisted the Ontario Provincial Police on New Year's Eve Highway Patrol.

### *District No. 2, London*

| | |
|---|---|
| Strength January 1st, 1942 | 171 |
| Taken on Strength | 101 |
| Struck off Strength | 43 |
| Strength December 31st, 1942 | 229 |

No. 2 District commanded by District Inspector C. F. Handley.

During the year new Units were started in Aylmer, Tillsonburg and Strathroy. The Aylmer Unit assisted in the rounding up of a murderer in Aylmer. 200 members also took part in Victory Loan Parade at Tillsonburg.

### *District No. 3, Hamilton*

| | |
|---|---|
| Strength January 1st, 1942 | 53 |
| Taken on Strength | 10 |
| Struck off Strength | 11 |
| Strength December 31st, 1942 | 52 |

No. 3 District commanded by District Inspector L. M. Glazier.

This Unit has completed courses in Rifle, Revolver, Machine Gun, First Aid, Police Instructions, Unarmed Combat and A.R.P. work, and is ready to give efficient service wherever called upon. Several times duing the past year they gave assistance in car accidents, Blackouts and New Year's Eve Patrol.

### *No. 5 District, Toronto*

| | |
|---|---|
| Strength January 1st, 1942 | 97 |
| Taken on Strength | 21 |
| Struck off Strength | 2 |
| Strength December 31st, 1942 | 116 |

No. 5 District commanded by District Inspector J. M. Henderson.

During the year No. 5 District has completed courses in A.R.P., Revolver, Rifle Range Practice, First Aid, Field Manoeuvres, Signals, and are now taking a complete course in Unarmed Combat.

The local Unit assisted in the New Year's Patrol and District Blackouts. The Unit is also starting a course in Machine Guns, February 1st, 1943.

### *No. 6 District, Kitchener*

| | |
|---|---|
| Strength January 1st, 1942 | 38 |
| Taken on Strength | 28 |
| Struck off Strength | 17 |
| Strength December 31st, 1942 | 49 |

No. 6 District commanded by District Inspector Cameron.

During the year a new Unit was started in Preston and the members are now at work two nights a week training, assisted by the older members of the Unit in Kitchener who have taken courses in First Aid, Rifle, Revolver, Traffic Control, A.R.P. and Police Instructions. The Unit works in close co-operation with both Waterloo and Kitchener Police and more than once has taken over local Police beats when these cities were short of Constables who had joined the Armed Forces. This Unit has on a number of occasions given valuable assistance to the local and Provincial Police.

### *No. 8 District, Belleville*

| | |
|---|---|
| Strength January 1st, 1942 | 70 |
| Taken on Strength | 48 |
| Struck off Strength | 16 |
| Strength December 31st, 1942 | 102 |

No. 8 District commanded by District Inspector Seldon.

This Unit has taken courses in First Aid, Rifle, Revolver, A.R.P. and Police work. Major Seldon was also appointed Chairman of the Civil Defence Committee for Belleville. The Peterboro Unit while performing Police duty at the Lindsay Fair assisted in capturing two tigers which had broken out of their cages. Two wanted men were also picked up by the Peteroboro Unit, and No. 8 District also assisted in Blackouts and New Year's Eve Patrol.

### *No. 9 District, Gananoque*

| | |
|---|---|
| Strength January 1st, 1942 | ... |
| Taken on Strength | 27 |
| Struck off Strength | 3 |
| Strength December 31st, 1942 | 24 |

No. 9 District commanded by District Inspector T. Delaney.

This is a new district which is quickly coming into shape and is well advanced in Manual Training.

### *No. 10 District, Timmins*

| | |
|---|---|
| Strength January 1st, 1942 | 29 |
| Taken on Strength | 3 |
| Struck off Strength | 12 |
| Strength December 31st, 1942 | 20 |

No. 10 District commanded by District Inspector Austin Neame, J.P.

This Unit is well trained in Drill and Police Work and the members have proved themselves ready to help in any way or place they are needed. Ten of the twelve men struck off strength joined the Armed Forces.

## VETERAN GUARDS

As the result of a complete survey made during the past year the Force of Veteran Guards employed to protect the properties of the Ontario Hydro-

Electric Power Commission was increased from 155 to 184, additions being made at the following points:

| | | |
|---|---|---|
| Barrett's Chute Generating Station | 15 new | Guards |
| Chats Falls Generating Station | 6 additional | " |
| Cornwall Crossing Towers | 6 new | " |
| Abitibi Dam | 2 additional | " |

The number of utilities now under guard are listed hereunder:

| | |
|---|---|
| Essex Transformer Station | Windsor |
| St. Clair Transformer Station | Sarnia |
| Beach Road Transformer Station | Hamilton |
| Stirton Road Transformer Station | Hamilton |
| Gage Avenue Transformer Station | Hamilton |
| Burlington Transformer Station | Burlington |
| Leaside Transformer Station | Leaside |
| Bridgeman Transformer Station | Toronto |
| Strachan Transformer Station | Toronto |
| New Toronto Transformer Station | New Toronto |
| Oshawa No. 1 Transformer Station | Oshawa |
| Oshawa No. 2 Transformer Station | Oshawa |
| Eugenia Falls Generating Station (Power Dam) | Eugenia |
| Chats Falls Generating Station | Fitzroy Harbour |
| River Crossing Towers | Cornwall |
| Barrett's Chute Generating Station | Calabogie |
| Abitibi Canyon Generating Station | Fraserdale |
| Abitibi Dam Generating Station | Twin Falls |
| Coniston Generating Station | Coniston |
| Stinson Generating Station | District of Sudbury |
| Wahnapitae Dam | District of Sudbury |
| Virgin Falls Control Dam | On Nipigon River, District of Thunder Bay |
| Alexander Landing Generating Station | |
| Cameron Falls | |

## CIVILIAN DEFENCE

The work of the Ontario Civilian Defence Committee has been extended considerably throughout the Province and new areas designated as "Exposed to definite risk of enemy attack". The areas now coming within this category include more than a hundred Municipalities.

Every effort has been made to assist and co-operate with the several groups, especially in the matter of supplying lecturers when requested'

Three Black-out and one daylight tests were held in the Toronto area during the year. Blackouts were also held in the Hamilton, Windsor, Niagara Falls, Ottawa and other strategic centres in which the citizens co-operated splendidly. The various groups responded with keen interest and enthusiasm, revealing a high degree of efficiency among the personnel comprising same.

It is a source of pride and satisfaction to know there is in existence such groups of trained, disciplined citizens ready to respond immediately in the event of a real emergency.

By arrangment with Military District No. 2 and No. 1 Training Command, Royal Canadian Air Force, and the Bell Telephone Company, the transmission of Air Raid Precaution Signals to the various centres throughout the Province is now handled through the Officer in Charge, No. 5 District Headquarters, Ontario Provincial Police, Parliament Buildings, Toronto. A code of Air Raid Signals has been adopted and is to be strictly followed.

The services and facilities of the Force have been available and freely used by the many local Civilian Defence Committees, particularly in regard to organization of Warden and Police Services.

In addition to a staff at General Headquarters, continually employed, and the twelve District Inspectors in charge of Districts, who with the co-operation of their staffs have rendered valuable aid, three Inspectors of the Criminal Investigation Branch were detailed to this work for several months in the early part of the year.

A number of films, both sound and silent, having high educational and instructional value, which were shown at numerous places in the Province have proved helpful as well as popular.

## REGISTRATION OF FIREARMS AND PERMITS FOR OFFENSIVE WEAPONS

The branch supervising the registration of firearms has been continued at this Headquarters and the duties performed in this connection have increased.

There is a considerable amount of detailed work which does not show in statistics, and in the period under review, 5,500 letters were sent out from this branch.

During the calendar year 879 new individual permits to carry revolvers and pistols were issued as well as many hundreds renewed. This covers permits issued to bank employees, employees of large corporations for protection of payrolls, etc., and to members of approved revolver clubs for target practice.

1,422 individual permits for the transfer of revolvers and pistols were issued during the year, a great number of them to members of the Armed Forces. Eight new Vendor's Permits were issued during the year as well as many old ones being renewed.

The issuing of these permits involves a considerable amount of investigation, because no permit is issued until the application has been checked as to bona-fides of applicant, character, etc., and to necessity for issue.

The registration of rifles and shotguns and the issuing of permits for the same under the provisions of the Defence of Canada Regulations also takes up a lot of time of the staff of this branch, and the number of transfers of such weapons during the period of 12 months is astounding.

The close checking of applications for permits for revolvers and pistols in conjunction with the system of registration of these weapons has resulted in many stolen weapons being located and the solving of burglaries, etc.

## ACCIDENTAL DEATHS OR DEATHS FROM MISADVENTURE

### *Capsized Motor Launch "Wa-Wi-Net" in Georgian Bay, September 21st, 1942—26 persons drowned*

At 5.00 a.m., September 22nd, 1942, information was received by the Provincial Constable at Midland Detachment that a boat had capsized during the preceding night near Beausoliel Island, Georgian Bay, and a number of persons had been drowned. The Officer proceeded immediately to the scene and found that about forty persons, principally employees of the Midland Iron Works, Midland, left Penetanguishene about 6.00 p.m., September 21st, on the 87-foot motor launch "Wa-Wi-Net", owned and operated by Bert Corbeau of Midland, for a fishing and pleasure cruise around the Islands of Georgian Bay, intending to return about midnight, that the launch had capsized on the return trip and more than half of the number of passengers were drowned.

A number of survivors had been able to swim to Beausoliel Island where they were given shelter and some taken to the mainland by the Island Caretaker, Peter Taunch.

From these survivors it was learned that the party had cruised about the Bay during the evening and about 10.00 o'clock while in the vicinity of Beausoliel Island (with Corbeau as pilot) the launch suddenly swerved, supposedly to avoid a sandbar. All the passengers were said to have rushed to one side of the deck with the result that the launch could not right itself and capsized, throwing all the occupants into the water.

The remainder of the survivors were collected and taken to the mainland where search parties were made up, dragging tackle procured and boats hired to search for the missing persons. At this time sixteen occupants of the launch were alive and accounted for, leaving twenty-six of the original forty-two occupants presumed to be drowned.

An immediate search was commenced in which three dead bodies, one of which was identified as Corbeau, the owner and pilot of the launch, were found.

On September 23rd, numerous boats, under the direction of District Inspector R. Cox, Barrie, assisted in the search, resulting in the recovery of fifteen bodies.

In the meantime, Mr. C. L. Snyder, Deputy Attorney-General; Chief Coroner Smirle Lawson, and Professor Dr. Robinson, accompanied by an Inspector of the C.I.B., had proceeded to Midland to supervise the search and arrange for an inquest.

The members of this Force, aided by volunteer searchers, dragged the waters in the vicinity of where the tragedy occurred for ten days under the greatest difficulties by reason of cold and stormy weather and rough waters, and were eventually sucessful in recovering all twenty-six of the bodies.

An inquest was held on September 30th at Midland on the body of Bert Corbeau, pilot of the launch, presided over by Dr. Smirle Lawson, Chief Coroner, with Mr. C. L. Snyder, Deputy Attorney-General, appearing for the Crown, and after a most complete enquiry was made into all aspects of the tragedy the jury returned the following verdict:

> "We, the Jury, find that the late Bert Corbeau came to his death by drowning, as evidenced by Professor Robinson's autopsy and subsequent statement of the afternoon of September 22nd, 1942, held at Barrie's Undertaking establishment.
>
> "The means of drowning was the foundering of a motor ship owned by the said Bert Corbeau.
>
> "As a result of evidence heard at this inquest we strongly recommend closer supervision and inspection of pleasure craft by the proper Department of the Federal Government. This Jury feels that the acts of heroism shown by many survivors of the tragedy are worthy of mention."

Twenty-four of the twenty-six unfortunate people who lost their lives in the disaster were residents of the County of Simcoe, but practically the whole investigation to recover the bodies and the preparation of the evidence for the inquest was carried out by members of this Force.

### *Collision on C.P.R. at Almonte Station—*
### *between Local Passenger and Troop Trains*

At about 8.40 p.m., Sunday, December 27th, 1942, whilst Canadian Pacific Railway Train No. 550, running from Pembroke to Ottawa, was standing in the Station at Almonte discharging and taking on passengers, a troop-carrying train enroute to Debert, running on the same line which is single track, crashed into the rear of the standing passenger train, completely demolishing the last three coaches, killing thirty-six persons and injuring another hundred and twenty-five.

The standing train was moved forward by the impact so that the engine of the troop train came to a stop approximately 228 feet south of the point of collision.

The crews of the two trains and the soldiers on the troop train remained at the scene until the track was cleared and then continued their journey. When the District Inspector and other members of this Force from District Headquarters, Perth, arrived they assisted in caring for and removing the injured and identifying the dead.

Dr. Smirle Lawson, Chief Coroner, with an Inspector of the C.I.B., were immediately sent to the scene of the tragedy to make a preliminary investigation and collect evidence to be used at an inquest.

### *Missing Persons*

One particular case under this heading is, by reason of the unusual circumstances in connection with the disappearance, worthy of note:

On November 1st, 1942, John Wharton, an engineer on the Canadian Pacific Railway, residing at Toronto, was a member of a hunting party at a camp on Naiscoot River, about 35 miles north of Parry Sound. He had hunted in the same area for 25 years and knew the District very well.

At about 1.00 p.m., Sunday, November 1st, Wharton left the camp carrying his shotgun, saying that he would take a stroll. He walked to Highway No. 69, a distance of about one mile, where he was seen by two other hunters at about 3.30 p.m., of whom he inquired if a certain doctor were at their hunting camp. He was later seen by two other hunters at about 4.00 p.m., walking south on the Highway and carrying his shotgun over his shoulder, barrel foremost.

Wharton did not return to camp that night, and his disappearance was reported to our Parry Sound Detachment on Monday, November 2nd. Enquiries were immediately commenced, and it was found that he did not visit the doctor at the hunting camp referred to above.

A constant search by members of this Force, assisted by residents and hunters, was kept up for ten days. In addition to the efforts of this Force and friends of the missing man, a blood-hound was loaned by the R.C.M.P. to assist in tracking Wharton but all efforts to locate him alive or dead failed.

No information was obtained of Wharton or his movements after leaving the two hunters on Highway No. 69 about 4.00 p.m., November 1st, 1942.

## GAME AND FISHERIES ACT

Seventy-five prosecutions resulting in sixty-two convictions and thirteen dismissals were entered by members of the Force for offences against the provisions of this Act during the year.

We have co-operated with the Officials of the Department to prevent violations of the Act and prosecute offenders. All complaints reported have been investigated, patrols have been arranged where and when necessary, and warnings given when deemed requisite.

Special attention was paid during the hunting season, licenses and automobiles being scrutinized to make sure the provisions of the Act were obeyed. A number of firearms and other articles of equipment have been confiscated and forwarded to Game and Fisheries Department, Toronto.

No. 2 District Headquarters, London, collected the following amounts in connection with Licenses and forwarded same to the Departmental Headquarters, Toronto:

| | | |
|---|---|---|
| 325 | Gun Licenses | $276.00 |
| 210 | Ground Hog Licenses | 210.00 |
| 18 | Trappers " | 81.00 |
| 2 | Dog " | 3.70 |
| 64 | Deer " | 224.00 |
| 2 | Non-Resident " | 10.00 |
| 3 | Angling " | 5.55 |
| 1 | Deer (Non-Resident) License | 25.00 |
| | | $835.25 |

A large number of Fur Farmers and Fur Dealers have been checked for Tanner's and Export Permits.

Reports from No. 12 District, Port Arthur, show that considerable work has been done, especially in the Kenora District, in enforcing the Act in that area.

Royalties on fur pelts to the amount of $708.20 were also collected and forwarded to Headquarters, Game and Fisheries Department, Toronto.

## INDUSTRIAL DISTURBANCES

No members of the Force were detailed for special duty at any industrial strike during the year, but the "Kirkland Lake Gold Mine Strike", which was in progress at the end of 1941, continued until February 11th, 1942, when the Union Executives abandoned the strike and the miners voluntarily returned to work.

### *Algoma Steel Corporation, Sault Ste. Marie*

On September 1st, 1942, the United Steel Workers' Union, C.I.O., called a strike at the Algoma Steel Plant, Sault Ste. Marie, affecting about 5,000 workers.

The strikers returned to work when it was decided their grievances would be investigated by a Commission appointed by the Dominion Government.

*Ford Motor Company of Canada*

A strike was called by the United Automobile Workers' Union at the Ford Motor Company, Windsor, on November 24th, 1943, affecting approximately 14,000 workers.

A settlement was effected and the strikers returned to work November 30th, 1942.

## ANTI-GAMBLING SQUAD

On May 1st, 1942, an Anti-Gambling Squad was established at Headquarters, Parliament Buildings, Toronto, the personnel being selected from several Police Districts with a Staff Inspector in charge.

From enquiries made it was revealed that outside of large municipalities having their own police forces there were not many gaming or betting houses being operated. Any places requiring attention were immediately investigated and wherever evidence was secured the persons responsible for keeping were prosecuted.

Very little information has been received from the public regarding infractions of the gaming or betting laws. Many of the cases handled have been the result of detection. Whenever complaints were made to this Branch they were promptly dealt with either by members of the Squad or by forwarding for action particulars to the Chief Constable at Windsor, Brantford, Hamilton, Niagara Falls, Long Branch, St. Catharines, and Toronto.

It was ascertained that the largest gaming and betting houses operating in the Province, as named hereunder, closed their doors on April 13th, 1943:

The Combine Club, Etobicoke Township.
The Brookwood Country Club, Etobicoke Township.
The National Sporting Club, Etobicoke Township.
William Morrissey's, Etobicoke Township.
Garrity's, Town of Leaside.
The Auburn Club, New Toronto.

The White Castle, Kingston Road in the Township of Scarborough, folded up a few days after and a short time later the Emerald Athletic Club, Eastview, discontinued operations. The Auburn and the Emerald Athletic Clubs' premises were then used for registering bets received by telephone and were both put out of business by raids, prosecutions, convictions and padlocking.

All betting and gaming houses elsewhere located which were brought to our notice and requiring attention were dealt with accordingly by this Branch of the Force.

Convictions have been registered against persons for keeping common gaming or betting houses or registering or recording bets at Ipperwash Beach, Riverside, St. Thomas, Forest, Dundas, Cobourg, County of Brant, County of Norfolk, District of Muskoka, Eastview, Timmins, Fort Erie, Leamington, Paris, Amherstburg, Wentworth County, Tansley, Cooksville, Thorold, Tyrone, Uxbridge, Woodbridge, Hagersville, Welland, Crowland, St. Catharines, Crystal Beach, Chippawa, Stamford Township, New Toronto, Village of Forest Hill, Streetsville, Long Branch, Port Credit, Ontario and Waterloo Counties.

Eight recommendations have been made under the Gaming and Betting Act to padlock premises convicted of violating Sections 229 and 235 of the Criminal Code of Canada, as follows:

| Name | Address | Period Recommended |
|---|---|---|
| Mike Pokotilo | 199-7th St., New Toronto | Two Months |
| Little Belmont Club | Fort Erie | Bond One Year |
| Harry Hawkins | Fort Erie | Five Months |
| Elgin Social Club | Eastview | Sine Die |
| Leo Girard | Riverside | Two Months |
| Metro Social Club | Timmins | Three Months |
| Auburn Social Club | New Toronto | Three Months |
| Lambert Salter | Welland | Motion Made—In abeyance. |

As a result of listening on a telephone in a betting house at Fort Erie it was learned that some person was supplying illegal racing information to betting houses in the Niagara area. Team work by the members of the Squad made it possible to obtain evidence at eight out of ten places operating common betting houses at Fort Erie, Welland, Crowland, Thorold, Merritton and St. Catharines. The operators were convicted of keeping common betting houses and A. B. Jones of 63 John Street South, Hamilton, who operated a news service and supplied the betting house operators over a one-way circuit telephone with racing information, was convicted at Hamilton and sentenced to two months in gaol and fined $200.00. Jones had twenty-six other telephones in operation and employed four female and two male telephone operators. The twenty-seven telephones were returned to the Bell Telephone Company of Canada.

Two switchboards (twenty-four telephones), forty-eight telephones and fourteen head-phones seized at various places were returned to the Bell Telephone Company of Canada.

On May 6th last there was found in the basement of a one-storey bungalow at Royal York Road South, Etobicoke Township, fifty-six individual telephone lines to three switchboards and a turret board. The place was also equipped with a telegraph line and an operator. Two male telephone operators attended the switchboards and by manipulating keys talked to a number of their customers at the same time. Racing news from American tracks came in over the telegraph instrument and was recorded by the operator.

After conferring with the County Crown Attorney of the County of York it was deemed advisable to bring this non-essential and illegal place of operation to the attention of the Dominion authorities with the hope that they would see fit to order the Bell Telephone Company of Canada to discontinue this service. A reply was received advising the Department that the Dominion Government was unable to assist unless a conviction was registered against the person in control of the exchange. Later the Deputy Attorney-General and I wrote to the Bell Telephone Company of Canada and as a result the telephone service to the above-named premises was cut off. The proprietor, through his solicitor, appealed to the Dominion Board of Transport Commissioners and they ordered the Bell Telephone Company of Canada to resume service.

Two hundred and forty-seven slot machines have been seized and two hundred and thirty confiscated. The outstanding slot machine prosecution was that of Eric Liebman, Manager of Coin Craft Canada, Hamilton, who pleaded guilty to keeping gambling devices. Ninety-seven machines were seized on his premises in Hamilton, forty-seven which emitted cash and fifty of the slug type were confiscated. Names of persons formerly in possession of slug slot machines which were seized, found on the Coin Craft Canada premises, were summoned and gave evidence on behalf of the Crown when application was made for confiscation.

$1,344.29 recovered from the cash boxes of destroyed gambling devices was turned over to the respective court clerks, as was $587.50 seized and confiscated by the courts in connection with prosecutions of common gaming and betting houses.

A classified return of prosecutions, convictions, dismissals, etc., for offences covering the period May 1st to December 31st, 1942, is given hereunder:—

| Offence | Prosecutions | Convictions | Dismissals | Withdrawals | Fines Imposed and Collected | Sentence |
|---|---|---|---|---|---|---|
| Gaming Devices, Sec. 235 (b) C.C. | 10 | 10 | | | $1,400.00 | 2 months |
| Supplying Racing Information, Sec. 235 (f) C.C. | 1 | 1 | | | 200.00 | 2 months |
| Common Betting House, Sec. 229 C.C. | 35 | 22 | 7 | 6 | 2,586.00 | 2 months |
| Common Gaming House, Sec. 229 C.C. | 95 | 76 | 8 | 11 | 7,130.00 | 4 months |
| Recording and Registering Bets, Sec. 235 (d) C.C. | 8 | 3 | 3 | 2 | 600.00 | 1 month & 10 days |
| Found-Ins, Sec. 228 C.C. | 122 | 108 | 14 | | 1,376.00 | |
| Dispose of Goods by Game of Chance, Sec. 236 (d) C.C. | 1 | | | 1 | | |
| Staking Money on Gambling Device, Sec. 236 (e) C.C. | 2 | 1 | 1 | | 300.00 | |
| Permitting Premises to be Used as Betting House, Sec. 235 (a) C.C. | 1 | 1 | | | 100.00 | |
| Obstructing Police Officer, Sec. 168 C.C. | 1 | | 1 | | | |
| Lord's Day Act | 12 | 12 | | | 90.00 | |
| Liquor Control Act | 6 | 4 | | 2 | 100.00 | 2 months |
| National Registration Regulations | 2 | 2 | | | | |
| | 296 | 240 | 34 | 22 | $13,882.00 | 13 Months & 10 Days |

### CLASSIFIED RETURN OF PROSECUTIONS, CONVICTIONS, DISMISSALS AND WITHDRAWALS

| | Prosecutions | Convictions | Dismissals | Withdrawals |
|---|---|---|---|---|
| Criminal Code | 276 | 222 | 34 | 20 |
| Liquor Control Act | 6 | 4 | 0 | 2 |
| Other Statutes and Regulations | 14 | 14 | 0 | 0 |
| | 296 | 240 | 34 | 22 |

### ARRESTED WITHOUT WARRANT AND PERSONS SUMMONED FOR OFFENCES AGAINST CRIMINAL CODE AND OTHER DOMINION AND PROVINCIAL STATUTES

| | |
|---|---|
| Arrested without Warrant | 157 |
| Summoned, etc | 139 |
| | 296 |

| | |
|---|---|
| Number of Summonses Served | 150 |
| Number of Search Warrants Executed | 245 |
| Number of Investigations Carried Out | 616 |
| Approximate Value of Goods Confiscated | $50,000 |

## ANTI-HIGHGRADE SQUAD

The Anti-Highgrade Squad consists of two Provincial Constables, both of whom were engaged exclusively in this work during the whole year of 1942.

Their investigations covered the entire Province of Ontario and in addition they have been able to materially assist officers outside the Province, the Foreign

Exchange Control Board, R.C.M. Police and the United States Treasury Department in the suppression of illegal buying and exporting of highgrade gold from Canada.

### *Cases Prosecuted*

| | |
|---|---|
| Under Sec. 424 (1) C.C. for "Illegal Possession of Gold Ore or Bullion" | 7 |
| Under Sec. 378 C.C. for "Theft of Gold Ore from the Mine Where Employed" | 3 |
| Prosecutions Under the Foreign Exchange Control Board Order and the United States Treasury Department with our assistance | 21 |
| | 31 |

### *Disposition of Cases*

| | Prosecutions | Convictions | Dismissals | New Trial Ordered |
|---|---|---|---|---|
| Illegal Possession of Gold | 7 | 3 | 3 | 1 |
| Theft of Gold Ore from Mines | 3 | 3 | .. | .. |
| Foreign Exchange Control Board Order—Illegally Exporting Gold from Canada | 13 | 7 | 5 | 1 |
| United States Treasury Department Order—Illegally Importing Gold from Canada | 8 | 8 | .. | .. |

### *Miscellaneous*

| | |
|---|---|
| Highgrade Search Warrants Executed | 73 |
| Investigations Made Pertaining to Gold Thefts | 252 |

During the year assistance was given the Foreign Exchange Control Board, the United States Treasury Department, the Royal Canadian Mounted Police, local Municipal Police Forces and the Mines' Police and Managements.

| | |
|---|---|
| The approximate value of the highgrade gold recovered resulting from prosecutions by this Squad (excluding cases of the Foreign Exchange Control Board, the United States Treasury Department and the Royal Canadian Mounted Police) | $ 2,905.00 |
| Gold Seized in the United States | 20,000.00 |
| Gold Seized by R.C.M. Police | 1,500.00 |

N.B.—All above amounts are based on approximate value of gold, at $38.50 an ounce.

### *Outstanding Investigations*

As the result of a Conference held in the City of Toronto on June 19th, 1942, at the R.C.M. Police Headquarters, attended by the following persons:

UNITED STATES CUSTOMS AGENCY SERVICE:

E. J. Lewis, Supervising Customs Agent, New York, N.Y.
C. E. Wyatt, Supervising Customs Agent, Detroit, Mich.
J. J. Mullen, Supervising Customs Agent, Boston, Mass.
J. H. Page, Agent in Charge, Buffalo, N.Y.

UNITED STATES SECRET SERVICE:

G. F. Boos, Supervising Agent, Detroit, Mich.
M. G. Martineau, Agent, Detroit, Mich.
A. E. Whitaker, Agent, New York, N.Y.
E. A. Connors, Agent, New York, N.Y.

UNITED STATES TREASURY REPRESENTATIVES:

F. R. Thropp, Toronto.
F. H. Bunting, Toronto.
M. C. Northup, Montreal.

Royal Canadian Mounted Police:

Superintendent V. A. M. Kemp, Officer Commanding "O" Division, Toronto.
Inspector J. Healey, Chief Preventive Officer, Ottawa.
Staff Sergeant A. W. Anderson, Windsor.
A/Cpl. J. T. Townsend, Windsor.
Constable A. K. Bates, Windsor.
Sergeant J. M. Bella, Niagara Falls.
Sergeant F. E. Smith, Toronto.
Cpl. W. H. Kelly, Toronto.
A/Cpl. W. E. L. McElhone, Toronto.
Inspector J. W. Schutz, I. C. C. I. B., Toronto.

Foreign Exchange Control Board:

H. B. L. Jones, Legal Advisor to Enforcement Section, Ottawa.
J. M. Fell, Inspector, Toronto.
Wm. McKee, Inspector, Toronto.
W. A. Cameron, Inspector, Montreal.
W. M. Morphet, Inspector, Windsor.

Technical Advisor:

W. E. Honer, Chief Assayer and Metallurgist, Dome Mines, South Porcupine, Ontario.

Counsels:

R. M. Fowler and J. J. Robinette, in charge of prosecutions under the Foreign Exchange Control Order in Toronto—Agents of the Minister of Justice.

Ontario Provincial Government Representatives:

W. B. Common, K.C., Counsel to the Attorney-General of Ontario.
H. Braney, Provincial Constable, Ontario Provincial Police.

It was agreed upon by all persons present that an all-out drive would be launched on an international scale to pool all information in an effort to curtail the illegal traffic of high-grade gold from Canada to the United States. The results were as follows:

Re: Case of Benjamin Fabish, Sidney Fabish, Annie Newman, Ernest Labrecque, Lionel Labrecque, Paul Labrecque, Albert Labrecque, Alphonse Labrecque, Albert Mazzucca, Willie Franciotti and Frank DeLuca—Charged in Canada. Charles Abrahams, Harry Julius, David Roth, Jack Rubin and Bernard Kastner. Charged in the United States.

The following Canadian citizens were charged with "Illegal Possession of Gold and Conspiracy to Export Gold from Canada", and the American citizens were charged with "Importing Gold Illegally to the United States from Canada".

A trial was held in Toronto, Ontario, on May 4th, 1942, before Mr. Justice MacKay and Jury. The trial lasted five weeks and the Crown produced some 150 exhibits, resulting in seven of the defendants being found guilty and three not guilty.

Sidney Fabish, 4 years and $7,000 fine, in default of fine 18 months additional.
Benjamin Fabish, not guilty as charged.
Annie Newman, 3 years and $5,000 fine, in default of fine 12 months additional.
Ernest Labrecque, 2 years and $3,000 fine, in default of fine 18 months additional.
Lionel Labrecque, 2 years and $1,000 fine, in default of fine 12 months additional.
Paul Labrecque, not guilty as charged.
Albert Labrecque, not guilty as charged.
Alphonse Labrecque, new trial ordered.
Willie Franciotti, not guilty as charged.
Frank DeLuca, 15 months definite and 3 months indefinite.

The trial at Buffalo, N.Y., for the accused American citizens resulted as follows:

Rubin, Roth, Julius and Abrahams pleaded guilty and thereafter gave evidence for the Government. Rubin was sentenced to 18 months' imprisonment.

Kushner was found guilty and was sentenced to four years' imprisonment with a fine of $3,000. Roth was released on two years' suspenced sentence and placed on probation. Julius was sentenced to one year and one day in jail. Abrahams was sentenced to six months' imprisonment. The money and gold seized in this case will come before the Exchequer Court to determine its forfeiture. At the conclusion of this trial a special report was submitted.

### *Re: Case of Walter Rola, J. E. Rodger, C. Stirling Smith—*
### *Illegal Theft and Export of Gold from Canada to the United States.*

Walter Rola first came to the attention of the police February, 1942, alleged to be a highgrade buyer. On October 6th, 1942, C. Stirling Smith and Steinschleifer also Charles H. Schwartz were arrested at New York City with gold bullion, approximate value of $10,000. On January 7th, 1943, Stirling Smith and his associates pleaded guilty as charged and were sentenced as follows:

C. Stirling Smith—One year and a day in United States Penitentiary and fine of $10,000, to stand committed until fine is paid or disposed of according to law with additional charge pending for Hoarding Gold under Trading With the Enemy Act;
Steinschleifer—Sentenced to four months in jail or pay a fine in lieu thereof of $4,000 by February 1st;
Charles H. Schwartz—Sentence postponed indefinitely.

As the result of this gold seizure in the United States, the Foreign Exchange Control Board with the aid of the Ontario Provincial Police and the R.C.M. Police, arrested J. E. Rodger October 14th, 1942, on a charge of exporting gold illegally from Canada to the United States. On this charge Rodger pleaded guilty at Toronto and was sentenced to one year's imprisonment with a fine of $500, to be deported to the United States at the expiration of his sentence as he was an American citizen. As a result of statements made by Rodger, Walter Rola of Timmins was arrested and placed on trial on February 8th, 1943, at Toronto, Ontario, charged with "Illegal Possession of Gold and Conspiring to Export same to the United States". Mr. Justice Hope and Jury presided. He was defended by Mr. George Bagwell and the case was prosecuted by Mr. J. J. Robinette. There were 21 crown witnesses and for the defence there were three. The case went to the Jury at 4.30 p.m., February 10th, 1943, and after three hours' deliberation they brought in a verdict as follows: "Walter Rola guilty of conspiring to aid and abet the export of gold from Canada also did conspire to sell or purchase under Section 424 (1) (c) of the Criminal Code of Canada, not guilty on the charge of conspiring to export gold from Canada". Mr. Justice Hope then sentenced Walter Rola to two years less one day. Special report has been submitted.

## CRIMINAL INVESTIGATION BRANCH

The staff of the Criminal Investigation Branch have been particularly busy throughout the year and their strength was augmented to enable them to meet demands made on their services.

Investigations were made into nine reported murders and assistance rendered to Municipal Police in three additional murders occurring within said municipalities.

Twenty-five other deaths, including manslaughter and deaths from various forms of violence, were also investigated.

Included in the major crimes in which the services of this Branch were requisitioned were many cases of offences against women and girls, Armed Robbery, Robbery with Violence, Placing Obstructions on Railway lines, Fires at the Midland Boat Works, Midland, and—

> In St. Vincent Township, County of Grey, where a number of fires (apparently the work of a "Fire Bug" or an aggrieved person) took place in dwelling houses and barns on farm property which had been taken over by the Dominion Government for tank training grounds.
>
> Explosions in Munition Plants, collapse of building in course of construction and an explosion in building occupied by the Hydro-Electric Power Commission of Ontario, Sarnia, which was completely destroyed.
>
> In the above investigations our Inspectors worked with the Officers of the Fire Marshal's Branch, and in no case was there any definite evidence of sabotage.
>
> The infant daughter of Mr. and Mrs. Harvey Wood, London, was kidnapped from her carriage outside a store on King Street, London, in May, 1942. The Government of the Province of Ontario offered $1,000.00 reward for information leading to anyone concerned, and the services of the C.I.B. were detailed to assist the London Police, but despite the most thorough investigation no trace of the child has been found and no one brought to justice so far.

Interdepartmental assistance has been given to and important enquiries made for the Department of Highways, Health, Welfare and Agriculture.

Investigations were made into a number of serious thefts of funds from Camp Borden also an unusual case of Conspiracy to Defraud Insurance Companies.

For some months three C.I.B. Inspectors were assigned to assist in the work of the Civilian Defence Committee.

In conjunction with Officials of the Foreign Exchange Board, the United States Treasury Department and the Royal Canadian Mounted Police, important investigations were made regarding the illegal traffic of highgrade gold from Ontario to the United States.

Inspectors of the Branch were also detailed as escort to the Crown Prince and Princess of Norway and Russian Envoys while visitors to the Province.

The Anti-Sabotage Squad has operated extensively, particularly in connection with personnel engaged in war industries and any occurrence where sabotage might be suspected.

## *Fingerprints and Photographs*

During the year many exhibits were submitted for finger print examination and promptly reported upon. Where prints were found photographic copies were forwarded to the Fingerprint Section of the Royal Canadian Mounted Police, Ottawa, for further examination and search, as well as for future reference.

Assistance was also given other Police Departments not having facilities for this type of investigation.

Many separate investigations at scenes of crime were made and photographs taken of scenes of traffic fatalities in fifteen separate investigations, together with photographs of scenes of crimes and automobiles connected with crime. Documents were also photographed for use in court.

Infra-red photography was employed during the year. In the case of Rex vs. Bellak and Paczier (Robbery with Violence) infra-red photography revealed worn-off registration numbers in one of the soldier's hats found at the scene of the crime, thereby supplying corroboration to the complainant's evidence given in court as to the identity of the culprits. Both of the accused were subsequently found guilty as charged and sentenced to reformatory and penitentiary terms.

Assistance was also rendered in technically treating metal instruments and firearms having their serial numbers or names filed off. Examinations and treatment resulted in ascertaining the true identity of the owner of the exhibit concerned.

A .32 calibre revolver was sent to this Branch for examination by the Chief Constable of Brockville, Ontario. This loaded weapon was found buried in the confines of the town, and was suspected of having been used in an armed robbery. The weapon, when received, was in an extremely rusted and pitted condition and all identifying marks completely invisible. Treatment during a period of two weeks revealed all the markings, including the serial number. This information was forwarded to the R.C.M. Police, Firearms Registration Branch, where it was learned the weapon had been stolen some three years previously in Brantford, Ontario.

Photographs of impressions made by writing implements appearing under first pages of note books, etc., and of impressions made on carbon paper were also made, thereby revealing information vital to the investigation concerned.

Lectures were given by Provincial Constable E. Wright, fingerprint and photographic expert, to Ontario Provincial Police recruit classes, also to the Ontario Volunteer Constabulary.

## *Subversive Actions—Enemy Agents*

The Special Branch under the direction of the Assistant Commissioner has, in co-operation with the Royal Canadian Mounted Police and Toronto City Police, been continually engaged in investigating complaints received from numerous sources relative to subversive actions or the activities of enemy agents.

Over 450 individuals and groups were the subject of investigation, and 250 new files were opened.

13,000 names of persons employed or seeking employment at war industries were checked at the request of the industry concerned to discover their accurate historical background, as in order to curtail production the saboteur must either introduce himself into the plant as an employee, that is, as an authorized person, or carry out his intentions through a regular employee. It is, therefore to prevent such possibilities that accurate check on all prospective personnel is imperative.

Special reports covering the activities of some prominent enemy aliens have also been prepared and submitted.

I am pleased to report that no definite act of sabotage has been discovered during the year.

Every suspicious fire or explosion or other unexplained accident or happening has been closely investigated in an endeavour to ascertain the cause, and in all occurrences there has been a satisfactory explanation.

## RETURN OF MOST IMPORTANT OCCURRENCES REPORTED AND INVESTIGATED

A summary of the most important occurrences reported and investigated during the year shows there were 6,593 such occurrences investigated in 1942, against 5,061 in 1941—an increase of 1,532.

| | 1942 | 1941 |
|---|---|---|
| Murders | 12 | 9 |
| Attempted Murders | 3 | 8 |
| Manslaughter | 25 | 37 |
| Wounding | 35 | 22 |
| Insane Persons | 251 | 203 |
| Criminal Negligence | 38 | 22 |
| Rape | 19 | 22 |
| Attempted Rape | 23 | 7 |
| Carnal Knowledge | 54 | 52 |
| Forgery | 85 | 73 |
| Burglary | 90 | 97 |

| | 1942 | 1941 |
|---|---|---|
| Housebreaking | 913 | 545 |
| Shopbreaking | 473 | 425 |
| Robbery | 74 | 106 |
| Thefts | 2,707 | 2,312 |
| Automobile Thefts | 374 | 305 |
| Bicycle Thefts | 166 | 80 |
| Receiving | 86 | 105 |
| Intoxicated in Charge of Auto | 369 | 519 |
| Reckless Driving C.C. Sec. 285 | 586 | 936 |
| Fraud | 148 | 176 |

Investigations regarding deaths from violence and other causes show an increase of 159 over the same period last year.

| | 1942 | 1941 |
|---|---|---|
| Suicides | 126 | 108 |
| Auto Fatalities | 305 | 376 |
| Drownings | 233 | 194 |
| Railway and Air Crashes, Fires, etc | 433 | 350 |

A summary of some of the most outstanding cases investigated are hereunder submitted.

### MURDERS

*John Kolesar, Township of Atwood, District of Rainy River,* *(previously reported)*

Referring to paragraph 2, page 52 of the report for 1941 on the murder of John Kolesar, Edward Roy Kolesar was arrested and came to trial on May 29th, 1942, when he was found guilty and sentenced to death. Sentence duly carried out on October 10th, 1942.

*Wilfred Daley, Alliston, Simcoe County (previously reported):*

Referring to paragraph 3, page 52, of the report for 1941, on the murder of Wilfred Daley, John T. Brooke, who was arrested and charged with the murder, came to trial July 24th, 1942.

He was found not guilty of murder by reason of insanity and detained in a mental hospital.

*Kerwood White, Turnkey, Goderich, Huron County (previously reported):*

Referring to paragraph 2, page 53, of the report for 1941 on the murder of Kerwood White, James Flenniken, who was arrested and charged with the murder, came to trial March 3rd, 1942, when the charge was reduced to manslaughter and he was sentenced to the Ontario Reformatory for two years less one day.

*Jaakko Tikkanen, Kapuskasing, District of Cochrane:*

On April 18th, 1937, the dead body of Jaakko Tikkanen, 45 years of age, Finlander, was found on the highway near Kapuskasing, apparently having been struck and killed by an unknown automobile.

Extensive enquiries were made by the members of this Force and the Chief Constable of Kapuskasing, and as a result one, Emile Loiselle, was arrested and charged with Criminal Negligence in connection with the death. The charge was withdrawn for the lack of evidence.

In April, 1942, new information was received by our Kapuskasing Detachment to the effect that Tikkanen did not die an accidental death but was murdered. An Inspector of the C.I.B. was detailed to make a complete investigation, which resulted in Rolland Benson and Joseph Arsenault of O'Brien Township being arrested and charged with Murder.

Both were committed for trial to appear at the next sitting of the Supreme Court of Ontario held on September 10th, 1942, at Cochrane when the Grand Jury found "No Bill" in the case of Rolland Benson and the Petit Jury found Joseph Arsenault "Not Guilty".

The evidence obtained during the investigation was to the effect that Tikkanen, whilst coming from a dance, was hit over the head with a wrench then robbed and his body placed on the road and run over by an automobile driven by Romeo or Rolland Benson.

*Mary Susan Ackard, Aylmer, Elgin County:*

On July 31st, 1942, Frank Ackard, retired farmer, Aylmer, Ontario, killed his wife, Mary Susan Ackard, with an axe and then attempted to commit suicide by slashing his throat and wrist. Ackard eventually recovered and was arrested on a charge of Murder. He appeared before Mr. Justice Hope and Jury on October 27th, 1942, and was found to be insane and incapable of standing trial. He was, therefore, committed to an Ontario Hospital.

*Herbert Wade and Raymond Chute,*
*Township of Malahide, Elgin County:*

Shortly before 8.00 p.m., October 19th, 1942, Fred Lobb, farmer, stabbed his stepson at their home on the 3rd Concession of the Township of Malahide during an altercation over the ownership of a cow. The stepson, Herbert Wade, 44 years of age, was badly wounded. Sometime later Royden Cathers, aged 30 years, Raymond Chute, aged 22 years, and Wallace Brackenbury, aged 31 years, drove up to the Lobb home in Cathers' car, not knowing that the stabbing had taken place. Immediately they were fired upon and Chute and Brackenbury were shot; Chute dying later on the way to the hospital. Wade died on October 25th, 1942. Members of this Force responded to the call and were ably assisted by members of the Ontario Volunteer Constabulary from Aylmer. Lobb held the officers at bay, shooting at them from a hole in the wall of the barn. Sergeant Witts, M.C.P., was struck by pellets from the shotgun in the nose and forehead and pellets also struck the cap of Corporal Kelly. About 1.40 a.m., after hearing a muffled shot, the barn where Lobb was hiding was searched by our Officers and Lobb was found to be dead, apparently a suicide. All Officers who took part in this investigation are to be highly commended for their devotion to duty.

*Mrs. A. Herter, Norfolk County:*

On February 3rd, 1942, information was received that a shooting had occurred in the Township of Walsingham, Norfolk County.

Upon investigation it was found that Joseph Fulop, Hungarian farmer, had shot and killed his housekeeper, Mrs. A. Herter, in the kitchen of his home with a .22 rifle and had then killed himself with the same weapon.

The enquiry showed that Fulop's mind had become deranged and he had developed a hatred for his housekeeper, thinking that she was a Fascist.

*John Borg, 714 Wyandotte Street, Windsor, Ontario:*

John Borg, Restaurant Keeper, 714 Wyandotte Street, Windsor, Ontario, in the early morning of October 2nd, 1942, was shot by an unknown person in his restaurant as above. Borg died in the hospital the same day.

Members of this Force were detailed to assist the Windsor authorities and the Government of Ontario offered a reward of $2,000 for the arrest or information leading to the arrest of the murderer.

This matter is still under investigation.

*Wallace W. Cunningham and Mrs. Anthony Fardella,*
*Northumberland County:*

In the early morning of November 25th, 1942, the dead bodies of Wallace W. Cunningham, Toronto, and Mrs. Anthony Fardella, wife of Anthony Fardella, Fruit Merchant, Cobourg, Ontario, were found on the south shoulder of No. 2 Highway about four miles west of Cobourg, both apparently having been shot at close range by a shotgun.

A Cadillac Sedan, registered in the name of Cunningham, the dead man, was parked on the south shoulder facing east near the bodies.

The bodies were discovered by two men on their way to work, and the Coroner estimated they had been dead approximately three hours prior to his examination.

Most extensive enquiries have been made by the C.I.B., the District and Local Police Forces, assisted by the Toronto Police Department, but so far the murderer has not been apprehended.

*Infant of Mrs. Fleda Devolder, Kent County:*

On July 17th, 1942, the Chatham Detachment was notified that a woman had cut off the head of her month-old baby on the farm of R. Caron, Dover Centre, Ontario. Upon arrival the Constables and Dr. C. H. White, Coroner, found a baby lying on the kitchen table with its head practically severed. Dr. White pronounced the baby dead. For some time the Officers were unable to locate the weapon used in this offence. After an extensive search a sugar beet knife covered in blood was found hidden behind a wash bench. Mrs. Fleda Devolder, mother of the baby, was placed under arrest and a charge of murder, Section 260 C.C. was laid. She was brought before Magistrate C. Weir in County Police Court, Chatham, and was remanded in custody until July 31st, at which time she was remanded to the Ontario Hospital at London for a period not exceeding sixty days for observation. On September 28th the accused was brought before Justice Chevrier and a Jury. On evidence produced by the Crown Attorney the Jury found her unfit to stand trial and she was committed to the Ontario Hospital.

*Mrs. George Heavens, Essex County:*

On November 23rd, 1942, a call was received at Windsor District Headquarters regarding the finding of a suicide note. Provincial Constables were detailed to investigate. On arrival at the place mentioned in this note the bodies of two people, a man and a woman, were found lying in a pool of blood. Investigation revealed that Mrs. George Heavens, aged 47 years, had been murdered by her husband, George Heavens, aged 53 years, of Sandwich South Township, who later committed suicide with a .22 calibre rifle. Letters left to sons and daughters and a friend revealed that it was a clear case of murder and suicide. The Crown Attorney, after reviewing the facts, decided an inquest was unnecessary.

*Mrs. May Semple and Betty Semple, Brighton, Northumberland County:*

On November 21st, 1942, at about 11.40 p.m., John Semple, fisherman, of Brighton, Ontario, shot and killed his granddaughter, Betty Semple, and so seriously injured his wife, Mrs. May Semple, that she died in the Belleville Hospital eight days later.

The shooting was investigated by the Belleville District Headquarters Staff and evidence produced showing that John Semple had quarrelled with his wife, and as a result Mrs. Semple left her home and went to the home of her son, Earl, who lives in close proximity of the paternal home, telling him she was afraid to stay at home.

Apparently Semple followed his wife to his son's home and asked her to return and this she did not do. Semple then returned to his home and apparently obtained his shotgun as a little later he discharged a shotgun through the window of a room in which his wife and grandchild were sitting, killing the child instantly and so seriously wounding Mrs. Semple that she died eight days later at the Belleville Hospital.

After the shooting Semple was seen to take a rowboat and cross Brighton Bay to Indian Point. Whether he reached the Point alive has never been ascertained so far, but at day-break next day the boat in which he crossed was found capsized in the water near Indian Point and the most intensive search has failed to find him alive or recover his body from the lake.

It is the consensus of opinion that he committed suicide.

*Lorne and Mary Robertson, Collingwood Township, Grey County:*

On September 12th, 1942, information was received at Flesherton Detachment that a murder had been committed on the premises of Lorne Robertson, 9th Concession, Collingwood Township, Grey County.

Upon investigation it was found that Lorne Robertson, farmer, aged 63 years, and his wife, Mary, aged 62 years, had been killed as a result of gunshot wounds and their son, Allan, aged 27 years, was in an unconscious condition suffering from shotgun wounds. The son was taken to the hospital where he later died.

Investigation showed that the son had reported to the Military Authorities a few days previous for medical examination and had been rejected. He appeared to be very much disappointed and as a result shot his parents, then took his own life.

*Robert Campbell, Township of Proton, Grey County:*

On April 25th, 1942, information was received at the Owen Sound Detachment that Robert Campbell, aged 63 years, had been shot and killed at his farm in the Township of Proton.

Upon investigation it was found there had been a general family argument at the home early in the morning and Campbell had been abusing his wife. The argument continued and Ruby, a daughter, aged 14 years, obtained a .22 calibre rifle and shot her father.

Ruby Campbell was taken into custody at Owen Sound where she was later charged with Murder. Ruby, being a juvenile, was later turned over to her aunt, Miss Agnes McPhail, with instructions that she should be produced in Court when called upon. On June 12th, 1942, the defendant appeared before Police Magistrate E. C. Spereman at Owen Sound, charged with being a delinquent, Section 263, C.C. She was ably defended by J. C. McRuer of Toronto, and the prosecution was handled by J. F. P. Birnie, Crown Attorney, Owen Sound. The judgment of the Court was that Ruby Campbell be placed on probation for a period of two years.

## ATTEMPTED MURDER

*Harold Pirie, Chapleau, District of Sudbury:*

On Sunday evening, January 4th, 1942, George Swanson and Private Percy Encil were guests at the home of Leonard Perfetto in Chapleau. Swanson apparently was enraged by the attentions of Encil toward Glorina Perfetto. Leaving the Perfetto home he went to his own home and secured his shotgun and returned to Perfetto's and without warning shot at Encil, dangerously wounding him in the left leg. In this shooting Glorina Perfetto was also slightly wounded. In the ensuing struggle Encil disarmed Swanson and left the house with his shotgun. Swanson then went into another room of the Perfetto home and took a .12 gauge shotgun belonging to Perfetto. Not having any ammunition he left the Perfetto home, crossed the street and broke and entered Pellow's Hardware Store, securing three boxes of shells. Upon coming out of the store he met Harold Pirie who spoke to him. Swanson ran down the street a few paces then turned and fired point-blank at Pirie. Pirie was wounded on the chest and arms but was able to get up and start for home. As he went down the street Swanson again shot at him, this time wounding him on the side of the head. Swanson then ran amuk, circling several blocks, shooting out the street lights and firing into the front windows of two different houses. Swanson then returned to the Perfetto home and when he was about to be apprehended by Chief Constable W. Hall, he attempted to turn the gun on himself but was only wounded in the shoulder.

Private Percy Encil required several months' hospitalization before returning to Active Service. Pirie joined the army late last summer, but as a result of his wounds in this affair was later discharged as medically unfit.

Swanson was tried at the Spring Assizes in Sudbury in April, 1942, on a charge of Attempted Murder against Harold Pirie and was acquitted. A second charge of Attempted Murder against Encil was reduced to Wounding by the Jury for which offence he was committed to three years' imprisonment.

## MANSLAUGHTER

### *Harold F. Brokenshire, Windsor, Ontario:*

A call was received at District Headquarters, Windsor, on Friday, April 24th, 1942, relaying a message that one man was choking another. Constables from District Headquarters investigated this complaint. Upon the Officers' arrival at the scene a man, later identified as Harold F. Brokenshire, aged 38 years, of Windsor, Ontario, was found to be dead. Frank Hayes, aged 38 years, of Windsor, was holding Brokenshire when the Constable arrived. Frank Hayes and Clarence Johnson were brought to Windsor District Headquarters for questioning. After a statement had been taken from Hayes, Johnson was released. A post mortem was conducted by Dr. Asselstine who stated that death was due to myocardial failure associated with coronary sclerosis, heart failure precipitated by excitement or over-exertion. The facts were placed before Crown Attorney J. S. Allen, K.C., who instructed that a charge of Manslaughter be laid, Section 268 C.C.

Hayes was arraigned before Magistrate J. A. Hanrahan on April 20th to answer to a charge of Manslaughter. He was remanded until May 5th for a preliminary hearing, and bail was set at $5,000. On May 11th, 1942, the accused, Frank Hayes, was arraigned before Magistrate J. A. Hanrahan. Evidence was submitted and after hearing same the Magistrate dismissed the charge.

### *Ynute Kuindersma, Sandwich East Township, Essex County:*

On Monday, December 7th, 1942, Ynute Kuindersma, Sandwich East Township, was fatally injured by James Joseph Kenney of Sandwich East Township when he was struck on the head with a broom used in the stables at Walker Farms. Statements were obtained from James J. Kenney, after he had been properly warned. He was arraigned before Magistrate J. A. Hanrahan on a charge of Manslaughter. He was remanded until December 15th, without plea. On December 15th, he pleaded "Not Guilty to the Charge". His Worship ruled that a prima facie case had been proven after the evidence had been submitted and committed the accused for trial at the next Court of Competent Jurisdiction.

### *Gunner F. Rancourt, C.A.T.C.—A-1, Petawawa Camp, Renfrew County:*

On August 7th, 1942, Gunner F. Rancourt, C.A.T.C. A-1, Petawawa Camp died in the Military Hospital, Petawawa, from a fractured skull caused through being struck on Highway No. 17 by an automobile driven by Private Laser Kasier.

Private Kasier was driving west on Highway No. 17 on the wrong side of the road and met a convoy of nine Military Motorcycles proceeding east well to the right side of the road. Kasier's automobile missed the first Motorcycle, struck the second, third and fourth. The rider of the second Motorcycle, Gunner F. Rancourt, was thrown into the ditch and died from injuries received.

Private Kasier was charged with Manslaughter, committed for trial and tried before Justice Plaxton and Jury. The charge was reduced to Dangerous Driving and a sentence of one year in the Ontario Reformatory imposed.

*Miss Phyllis Bailey, District of Thunder Bay:*

James Adams was arrested by Officers of the Port Arthur District on the morning of May 24th, 1942, on a charge of being drunk in charge of a motor vehicle and remanded in custody. Adams, when driving his automobile whilst intoxicated on the Nipigon Highway was in a collision with another automobile, and a passenger, Miss Phyllis Bailey, was so severely injured she died in hospital on the evening of May 26th, 1942.

A charge of Manslaughter was preferred and Adams was committed for trial. At the Fall Assizes, presided over by the Honourable Mr. Justice C. P. Plaxton, Adams pleaded guilty and was sentenced to five years in Stoney Mountain Penitentiary.

*Joseph Goldberg, District of Thunder Bay:*

On Sunday evening, June 21st, 1942, a birthday party had taken place at Pigeon River at the residence of one of the Canadian Customs Officers. Following the party two of the off-duty Customs Officers visited the Pigeon River Hotel where they were served with beer. A Canadian Immigration Inspector, off-duty, entered the Hotel in an intoxicated condition and had to be ejected. Joseph Goldberg, Manager of the Hotel, removed the offending Officer who was later found unconscious outside. Removed to Hospital he later died. Goldberg was arrested, charged and tried for Manslaughter before the Honourable Mr. Justice C. P. Plaxton at the Fall Assizes, found "Not Guilty" and discharged.

*Murray Miller, McGregor Township, District of Thunder Bay:*

On July 6th, 1942, Officers of the Port Arthur District investigated a complaint originating from McGregor Township to the effect that a baby, Murray Miller, had been smothered in bed. Investigation followed and William Kinner was arrested and charged with Manslaughter. At the Fall Assizes, Kinner was found guilty and sentenced to nine months by the Honourable Mr. Justice C. P. Plaxton.

*Michael Aggomoway, District of Thunder Bay:*

On July 8th, 1942, Officers of the Port Arthur District arrested Tom Otiquam, an Indian, on a charge of Manslaughter following an investigation into the death of Michael Aggomoway. The usual difficulties were met in the investigation of the case and several Indian witnesses did not bear up under cross-examination. The trial was held at the Fall Assizes presided over by the Honourable Mr. Justice C. P. Plaxton and a jury. After several hours the jury was unable to reach a verdict and His Lordship then held over the case to be tried at the Spring Assizes. The accused was returned to custody.

## HIT-AND-RUN FATALITIES

### *William and James Mullarky, North York Township, York County:*

On April 26th, 1942, whilst William and James Mullarky, 53 and 58 years of age, brothers, were walking on Dufferin Street in North York Township they were struck and killed by a hit-and-run motorist.

Members of this Department assisted the North York Police with the investigation and in June one, Matthew Elder, R.C.A., Petawawa, was apprehended and charged with Manslaughter. He was found not guilty on the charge of Manslaughter, but was convicted for Dangerous Driving.

### *Wilfred Ranger and Dennis Coyen, Sudbury, Ontario:*

On June 18th, 1942, the dead bodies of Wilfred Ranger, aged 17 years, and Dennis Coyen, aged 16 years, both of Sudbury, Ontario, were found on Highway No. 17 near Arnprior, death apparently having been caused by being struck by a motor vehicle.

Investigation showed that the boys were hitch-hiking to and from Ottawa and had been struck whilst walking on the Highway in the early hours of the morning.

A member of the C.I.B. was detailed to assist the District and Local Officers but so far insufficient evidence has been obtained to warrant an arrest, and no person has come forward with any information bearing on these untimely deaths.

### *David Dinan, Mimico, York County:*

On August 1st, 1942, David Dinan of Mimico was struck and killed by a hit-and-run motorist whilst walking on the Lake Shore Highway in the Township of Etobicoke.

Information given by a citizen to the Police was followed up and resulted in the arrest of Fred J. Williamson. A charge of Manslaughter was preferred and at his trial he was found not guilty of Manslaughter, but was convicted for Dangerous Driving.

### *Garrett Allen, Nassau, County of Peterborough:*

On July 23rd, 1942, Garrett Allen of Nassau, Ontario, was struck and killed whilst riding a bicycle on No. 28 Highway near Peterborough, Ontario, by a hit-and-run motorist. All investigations so far have been unsuccessful in locating the person responsible. The enquiry is being continued.

### *John William Rabbit, Saltfleet Township, Wentworth County:*

At about 12.00 midnight, December 23rd, 1942, whilst John William Rabbit, aged 65 years, of Saltfleet Township was walking easterly on No. 8 Highway to his home, accompanied by Bernard Smith of Parkdale Survey, he was struck by an automobile travelling west and severely injured.

The automobile did not stop and Bernard Smith could not give any description whatsoever of the car which struck Rabbit.

All Police in the surrounding area were notified and every endeavour is being made to locate the automobile responsible.

*Daniel Chabot, Staff Sergeant, Niagara-on-the-Lake, Lincoln County:*

Daniel Chabot, Staff Sergeant, Military Camp, Niagara-on-the-Lake, was struck and killed by an unknown automobile whilst walking on King Street, Niagara-on-the-Lake in the early morning of December 4th, 1942.

Although most searching enquiries have been made both by the members of this Force and the Provost Corps, so far neither the automobile nor the driver responsible has been located.

*Herbert Wren, Hagersville, Haldimand County:*

Herbert Wren, aged 67 years, of R.R. No. 3, Hagersville, Ontario, was struck and killed by an unknown automobile whilst walking north on No. 6 Highway, about 1½ miles from Hagersville, at 10.00 p.m., December 19th, 1942.

The automobile did not stop and all Police enquiries so far have failed to locate the automobile or driver responsible.

## ROBBERIES, THEFTS, ETC.

*Provincial Bank of Canada, Belle River, Essex County:*

On September 27th-28th, 1942, the Provincial Bank of Canada, Belle River, Ontario, was broken into and safety deposit boxes containing approximately $40,000.00 in bonds and $2,000.00 in cash stolen. The safety deposit boxes were recovered near Essex, Ontario, in the afternoon of September 28th. An Inspector of the C.I.B., was placed in charge of this investigation. Some fingerprints were found on the boxes. These were forwarded to the R.C.M.P., Ottawa, Ontario, for identification. Investigation is continuing in this matter with several suspects being kept under observation.

*Provincial Bank of Canada, St. Joachim, Essex County:*

On Saturday, October 13th, 1942, the Provincial Bank of Canada, St. Joachim, Ontario, was held up and robbed of $2,535.47 by two men, one of whom was armed with a shotgun. Investigation of this crime was carried out by members of the C.I.B., and members of Windsor District, Ontario Provincial Police. It is believed that this bank was held up by the same gang that robbed the Stoney Point Bank, for which robbery John Lefaive was sentenced on December 16th, 1942, to seven years in Kingston Penitentiary.

*Provincial Bank of Canada, Stoney Point, Essex County:*

On November 5th, 1942, the Provincial Bank of Canada, Stoney Point, Ontario, was held up by two men, (one of whom was armed), and robbed of approximately $464.00. Investigation was made by members of the C.I.B. and of Windsor District, and as a result John Lefaive, on December 16th, 1942, was charged with Armed Robbery, together with an unknown person. Lefaive through his Counsel pleaded "Guilty" to the charge and was sentenced to seven years in Kingston Penitentiary. The other suspect in this case is under investigation at the present time.

*Robbery With Violence of Fred Hawker, Windsor, Ontario:*

On Thursday, April 20th, 1942, Fred Hawker of Windsor, Ontario, Driver for the Yellow Cab Company, was slugged by two American Soldiers and one Canadian Sailor who robbed him of approximately $5.00 and stole his cab. Provincial Constables picked up three men answering the description given by Mr. Hawker. They were identified by Hawker and taken to the Windsor Police Station for questioning and after having been given the usual warning each admitted the offence. They were arraigned before Magistrate J. A. Hanrahan on April 20th to answer to a charge of Robbery with Violence, Section 446 (a) C.C. No plea was taken. On May 19th, 1942, Joseph Subic, Robert R. Krepps and Howard Spencer appeared before Judge J. J. Coughlin. They pleaded "Guilty" to the charge and were remanded until May29th for sentence. On May 29th Subic and Krepps were sentenced to one year at Guelph Reformatory and Spencer was sentenced to two years in Kingston Penitentiary.

*Robbery With Violence of William Beriere, Neelon Township, District of Sudbury:*

At about 6.00 a.m., November 6th, 1942, a report was received through the Sudbury City Police that an unknown woman had telephoned a message to the effect that a man was lying on the Coniston Road Highway No. 17, near the Modern Club, and was dying. An immediate patrol was made by members of this Department and one, William Beriere, was found to have been severely beaten up, having received a deep gash along the forehead and top of head, and apparently was suffering badly from shock which necessitated hospitalization.

It was learned that Beriere was a lumber-jack, having recently arrived in Sudbury from Blind River, and that while eating in a local restaurant at about 10.00 p.m., November 5th, 1942, he enquired of three young men at the same table as to where he could get something to drink. As a result of their conversation he left in an automobile in the company of these three persons. Apparently the ensuing happenings are not clear. In conjunction with members of the Sudbury City Police and the Inco Police at Coniston, extensive investigations were made which resulted in charges of Robbery With Violence being laid against Vincent McCoshen, Wilfred Dubriel and Theodore Desormeaux.

On November 16th they were committed for trial to the Spring Assizes at Sudbury.

*Robbery With Violence of Steve Suszter, Hamilton, Ontario:*

On July 2nd, 1942, Steve Suszter, 32 Ruth Street, Hamilton, Ontario, was en route from Simcoe to Hamilton in his automobile and upon observing two soldiers thumbing a ride he picked them up. At Caledonia the soldiers and Suszter called at the Exchange Hotel and had several drinks. On arriving at Hamilton Suszter was asked by the soldiers to drive them to the Queen Elizabeth Highway which he consented to do, and en route to this point, to wit, Indian Point, the soldiers got out of the automobile convincing Suszter that they would get him some fish from a fisherman's shack which they claimed was situated nearby. At this particular point there are willows, etc., growing and when Suszter got into the bush he was knocked down, fracturing his jaw. The soldiers then robbed him of $17.00 and stole his automobile which was later recovered, parked outside the Palais Royal Hotel at Toronto. Considerable inquiries were made and finally the men were located at No. 25 Basic Training Camp, Simcoe, Ontario. They were arrested on July 30th on a charge of Robbery With Violence and appeared before His Worship F. C. MacDonald. Frank J. Bellak was sentenced to two years at Kingston Penitentiary while Edward Paczier was sentenced to eighteen months in Ontario Reformatory.

### *Robbery With Violence of Harold Stephney, Sault Ste. Marie, Ontario:*

At about midnight, November 4th, 1942, Harold Stephney, Taxi-Driver for the LaSalle Taxi, Sault Ste. Marie, received a call to an address in that City. On arriving he was met by two men, ordered out of the car, struck over the head and forced back into the front seat. One of the bandits drove the car about six miles out of the City where Stephney was robbed of $5.00 and given a count of three to get out of the car and into the bush. At the count of two the Taxi-Driver threw himself on the ground and a shot was fired over his head, then the automobile was driven away in an easterly direction. He was picked up by a passing motorist and immediately reported all facts to the Sault Ste. Marie Police Department, who notified all points east, including our Provincial Detachment at Blind River.

This report was received at Blind River at 2.00 a.m., November 5th, and our Provincial Constable with the Chief Constable of Blind River proceeded by car to Highway No. 17 where they arrived in time to see the wanted car flash by at high speed, going east. The chase was taken up and continued for some forty miles, both cars travelling as high as eighty miles an hour at times. In addition to the hazardous speed, shots were fired at the pursuing Police car by the hold-up men. Finally near Walford the Police car was able to force the other car into a ditch where the hold-up men jumped out and ran across a farmer's field. One of the men, Lloyd Cook, was shortly overtaken and placed in custody and later the same morning the other man, Raymond Soloman, was apprehended. A search of the stolen car revealed a .22 calibre rifle.

Both prisoners were escorted back to Sault Ste. Marie where charges were laid for Robbery With Violence and Theft of Car, Shooting With Intent to Resist Lawful Apprehension, and Shooting at Harold Stephney, Taxi-Driver.

On November 20th, 1942, at Sault Ste. Marie, Soloman and Cook appeared before Magistrate J. McEwen and were committed for trial, at the Spring Assizes, Sault Ste. Marie. Both men were found to be only twenty years of age and deserters from His Majesty's Forces.

### *Robbery With Violence of James Eady and Leo Goyette,*

### *Garson Township, District of Sudbury:*

On the night of November 13th, 1942, James Eady, a Taxi-Driver, was held up and robbed of $23.00 and a wrist watch on the Garson-Coniston Road. The fare had hired the taxi to drive him to Garson but on approaching the turn into Garson had ordered the driver to turn in the opposite direction towards Coniston, and after having gone about one mile Eady was ordered to stop and get into the rear seat where he was bound and robbed. Later the hold-up man drove the car back into Sudbury and abandoned same with the taxi-driver still trussed up. Extensive enquiries were made but little or no headway was gained.

On the night of December 2nd, 1942, another taxi driver, Leo Goyette, was held up and robbed of $12.00 at almost the identical spot of the previous hold-up and the same Modus Operandi was used with the exception that instead of tying up the taxi-driver he was ordered to walk down the road. The hold-up man then jumped into the car and drove off. He travelled only a short distance when he drove into a ditch and had to abandon the car.

Exhaustive enquiries were made by members of the Neelon-Garson Police, the Inco Police of Coniston, and members of this Department which resulted in one, James Rivers, alias John Ross, being arrested by members of the Inco Police at Coniston. After being picked out of two separate line-ups by the two taxi-drivers in question, and from other information in possession of the Police, Rivers admitted both crimes before Magistrate W. M. Cooper, Sudbury, Ontario.

On December 7th, 1942, Rivers pleaded "Guilty" to two charges of Robbery With Violence and was sentenced to serve two years less one day on each charge, sentences to run concurrent.

Rivers was found to have served time in both Kingston Penitentiary and Burwash Industrial Farm. A Provincial Constable was in charge of these investigations, and it was through the unstinted co-operation of the Sudbury City Police, Inco Police of Coniston and the Neelon-Garson Police that it was possible for these crimes to have been solved.

### *Robbery With Violence of Lloyd Wigle, Kingsville, Essex County:*

On October 8th, 1942, a call was received at Windsor District Headquarters regarding a man, Lloyd Wigle of Kingsville, Ontario, being beaten up and robbed by three men who stole his automobile. Provincial Constables proceeded to investigate same. As a result of investigation, Norman Johnson, Garnet Neil and Richard Grant were arrested. After Wigle's release from hospital a line-up was held and the three men were identified and charged under Section 446 (a) C.C. Robbery With Violence. They were arraigned before Magistrate D. M. Brodie and without a plea being taken they were remanded until October 15th.

On October 15th they pleaded "Not Guilty". They elected Trial by Court of Competent Jurisdiction. On Wednesday, November 18th, 1942, the accused through their counsel, the Honourable James Clark, M.P.P., elected speedy trial. Neil, Johnson and Grant were arraigned on the above mentioned charge and pleaded "Not Guilty". Having heard the evidence His Honour Judge J. Coughlin reserved judgment on the accused until November 20th, 1942. On that date the accused were found guilty as charged and sentenced to twenty years each in Portsmouth Penitentiary and thirty lashes each, same to be administered ten lashes at a time.

### *Robbery With Violence of Metro Letnuk, Windsor, Ontario:*

On October 19th Metro Letnuk, Windsor, Ontario, entered the Blue Water Hotel, Windsor, Ontario. While there he became acquainted with a woman and two men, later identified as June Evans, Bernard "Lucky" Boissoneault, and Harold Drynan. A suggestion was made that they visit a "blind pig" a few blocks away. They drove to Sandwich West Township where Letnuk was beaten up by the two men and robbed of $280.00. The two men, Drynan and

Boissoneault, were charged, after having been arrested, with Robbery With Violence, Section 446 (a) C.C. After several remands Letnuk disappeared. A Warrant has been issued for the apprehension of Metro Letnuk, plaintiff and now material witness. It is believed that Letnuk was paid off by relatives of Drynan to leave the City. Up to the present all efforts to apprehend Letnuk have been unsuccessful.

### *Robbery With Violence of Victoria Cafe, Sturgeon Falls, District of Nipissing:*

At about 1.00 a.m. on December 24th, 1942, two men entered the Victoria Cafe at Sturgeon Falls by way of the public entrance. When inside they bolted the door and ordered the Chinese Manager and the Waiter into the bathroom at the point of a gun. Sam Chew tried to escape and one of the robbers beat him badly about the face with what appeared to be a blunt instrument. The Chinamen were then tied up with ropes and one of the robbers stood guard while the other ransacked the premises and stole approximately $885.00 in cash.

Due to the untiring efforts of our Officers at Sturgeon Falls, on December 30th, 1942, Victor Bigras was arrested in Sudbury and the following day Gerard Gareau was arrested near Verner. Both prisoners admitted committing the offence and now stand charged under Section 446 (a) of the Criminal Code but have not yet been sentenced.

## SUMMER COTTAGE THEFTS

Not for many years had there been such an epidemic of thefts from unoccupied summer cottages as there was during the past year, the depredations being general and not confined to any one particular locality.

Fortunately the efforts of the Officers responsible for the investigations were successful in the majority of cases reported and their work was rewarded by some most exemplary sentences by the presiding Magistrates.

Hereunder are given a few of the most noteworthy cases:

### *Temagami Area:*

Thomas Kelly was sentenced on September 22nd, 1942, at North Bay to three years in Kingston Penitentiary for Breaking, Entering and Theft from summer cottages on Pine Lake, Tallon Lake and Nobonsing Lake.

### *West Arm, Lake Nipissing and Parry Sound District:*

Anatole LaFortune was, on July 6th, 1942, sentenced at Parry Sound to four years in Kingston Penitentiary for thefts from numerous summer cottages on Lake Nipissing and in Parry Sound areas. LaFortune was a deserter from the C.A.S.F., and it was his intention to steal enough supplies to maintain himself beyond the reach of the Military or Police authorities.

### *Sault Ste. Marie, Ontario:*

Fernand Cayer was sentenced to seven years in Kingston Penitentiary for Burglary, Housebreaking and Theft from residence in the Sault Ste. Marie area.

*Sudbury District and Manitoulin Island:*

Vincent Kageshongai and Gustave Debassige were, on November 12th, 1942, both sentenced at Little Current to two years in Burwash Industrial Farm for thefts from summer camps located in the Espanola and Little Current area.

*Calabogie and Bagot Township, Renfrew County:*

William Warden was sentenced at Renfrew, Ontario, on April 8th, 1942, to five years in Kingston Penitentiary on five charges of Breaking, Entering and Theft from camps in Bagot Township and Calabogie area.

*Rideau River South of Ottawa:*

Albert Mitchell and Ralph Cheney were charged and convicted at Ottawa on March 19th, 1942, on several charges of Breaking, Entering and Theft from summer cottages on the Rideau River. Cheney was sentenced to three years in Kingston Penitentiary and Mitchell to three and twelve months in the Ontario Reformatory. Both men were deserters from the C.A.S.F., and intended to steal sufficient supplies in order to escape detection by the Police and Military authorities.

*Houghton Bay, Rideau Lakes:*

Charles Dorman was charged and convicted at Brockville on December 27th, 1942, on two charges of Breaking, Entering and Theft from summer cottages in the Rideau Lakes area.

*Breaking, Entering and Theft—Rockland Area:*

During the month of December a series of Breaking, Entering and Thefts from M. Gagnon's General Store at Monklands, the Liquor Store at Alexandria, Emile Henrie's Garage, Rockland, also a number of automobiles stolen were reported to our Detachment at Rockland.

The Investigating Officer was successful in arresting one, Rolland Chartrand, as being concerned in the above-mentioned offences, and on February 6th, Chartrand appeared before Magistrate R. Labrosse and pleaded "Guilty" to Breaking, Entering and Thefts at Rockland, Alfred, L'Orignal and Vankleek Hill, and on all charges he was sentenced to five years in Kingston Penitentiary.

On February 11th Chartrand appeared before Magistrate Labrosse at Alexandria on six additional charges, again pleading "Guilty", and was further sentenced to five years in Kingston Penitentiary on each charge to run concurrently with the sentences imposed on the 6th of February.

*Theft of $20,000 in Government Bonds, Raleigh Township, Kent County:*

On April 22nd, 1942, the Chatham Detachment was notified that Samuel Freeman, aged 86 years, of Raleigh Township had been robbed by a number of men of $20,000 in Government Bonds. Further investigation by Provincial Constables revealed that the bonds were taken on two different occasions by two women and three men, believed to be Gypsies. From information received and investigations made Frank Demitro, Mary Demitro and Ephraim Butch were arrested, with Warrants for Louis and Catherine Butch being issued. The charge against Ephraim Butch was dismissed, and on September 15th, 1942, charges against Frank Demitro and Mary Demitro were withdrawn. Up to the present time Louis and Catherine Butch have not been apprehended.

### *Breaking, Entering and Thefts—Englehart, Timiskaming District:*

On November 25th, 1942, the Provincial Constable at Englehart received a telephone call from J. Litster of Englehart, Ontario, to the effect that his drug store had just been broken into and goods valued at $210.00 stolen. In a short space of time the roads were blocked and Robert Chauvette and Emile Dumais were arrested. As a result of further investigation it was discovered that the following stores in Englehart had been broken into on the same night:

Bowes Hardware—$60.00 worth of fishing tackle and two glass cutters stolen;
Powell's Grocery Store—$5.00 and a safe containing cash stolen (the safe later found on Highway with the door broken off);
Darling's Garage—Money taken from cash register.

Chauvette and Dumais were each charged with four charges of Breaking, Entering and Theft and one of Having Housebreaking Tools in their possession. On December 12th, 1942, they appeared before Magistrate S. Atkinson and were both sentenced to five years on each charge in Kingston Penitentiary.

Although Chauvette is only twenty-one years of age his criminal record dates back to June, 1930, and includes Breaking, Entering and Theft, Shoplifting, Forgery, Obstructing Police and Keeping a Bawdy House. Dumais is also twenty-one years of age and has a bad criminal record.

### *Jail Break in Essex County:*

On December 29th, 1942, six men escaped from the Essex County Jail by prying open the door with an iron chair rung, beat up the two Guards, obtained the keys and escaped. These men were Thomas Turgeon, Archie Scott, James Browning, Leo Piche, Thomas Brice and Louis Rainoni. This jail break and the vicious character of the escaped prisoners caused one of the most extensive man hunts in the District with every available Police Officer scouring the vicinity, searching hide-outs and checking all trains, cars, trucks, etc., on the roads and highways, continuing throughout the night and following day. All of the escaped prisoners, with the exception of Rainoni were apprehended on December 30th, 1942, at LaSalle, Ontario, by members of this Force. Rainoni was apprehended later in the evening by a Provincial Constable. These prisoners were arraigned before Magistrate J. A. Hanrahan on December 31st, 1942, and were remanded until January 8th, 1943.

### *Automobile Thefts:*

Thefts of automobiles reported show an increase of 69 over the number reported in 1941, there being 374 reported stolen in 1942 against 305 in 1941.

As illustrative of the difficulty the Police in every District is experiencing with young motor bandits, brief particulars are herewith given of a particular case and its attending ramifications.

At about 3.40 p.m., November 28th, 1942, the Chief Constable of Orillia requested the assistance of our Officers at No. 7 District Headquarters, Barrie to apprehend two men who had just previously stolen an automobile at Orillia.

Within fifteen minutes of receiving the call No. 7 District Officers arrested Robert Reed and Ernest Bowins in the stolen car. These men gave the Officers a wild chase through the streets of Barrie and over a citizen's lawn before submitting to arrest.

Following the arrest it was learned that they had stolen a car at about 2.00 a.m., November 28th, 1942, in Toronto and had visited the Orillia area with a view to "pulling a job", but their car had gone into the ditch near Orillia. Reed and Bowins then entered Orillia and stole the Orillia car.

Officers of this Force, while investigating other matters at Toronto, obtained sufficient evidence to cause Reed and Bowins to plead "Guilty" of the theft of two automobiles. Their enquiries also connected a third man, Lawrence McAteer of Toronto, with Robbery With Violence at Trenton, Ontario, for which crime the three men were wanted by the Chief Constable. Reed and McAteer are ex-convicts. The men were sentenced as follows: Reed at Orillia, two years and six months, Theft of Two Automobiles; Reed at Trenton, two years, Robbery With Violence (to run consecutively with sentence imposed at Orillia); Bowins at Orillia, one year, Theft of Automobiles; Bowins at Trenton, one year, Robbery With Violence; McAteer at Trenton, two years less one day, Robbery With Violence.

This gang had been suspected of participating in several "smash and grab" thefts from small stores and service stations in this area. Since their arrest this type of theft has ceased. The same men were strongly suspected of being those who broke into a service station at Fennell's Corners on the morning of November 10th, 1942, about 6.10 a.m. When escaping they were ordered by our Constables to stop and the driver of the thieves' car deliberately drove into Provincial Constable F. C. Dean, inflicting serious injuries by breaking his leg in two places. The case was taken up by Provincial Constables in the Departmental automobile but it was impossible to overtake the thieves as they were driving a car which was capable of travelling at a higher rate of speed.

## LIQUOR CONTROL ACT

There was a noticeable increase in prosecutions for offences under this heading during the year.

Returns show that there were 3,015 prosecutions entered as against 2,419 for 1941, an increase of approximately 20%.

The following table gives the disposition of all cases entered and the amount of fines imposed and collected for violation of the various sections of the Act, covering the twelve months under review:

| Offence | Prosecutions | Convictions | Dismissals | Withdrawals | Fines |
|---|---|---|---|---|---|
| Having in an Illegal Place | 987 | 895 | 46 | 46 | $19,339.00 |
| Selling or Keeping for Sale | 168 | 110 | 33 | 25 | 2,500.00<br>fines against Corporations. |
| Unlawful Possession | 270 | 210 | 30 | 30 | 21,770.00 |
| Unlawful Purchase | 2 | 2 | ... | ... | 20.00 |
| In Possession Without Seal | 3 | 3 | ... | ... | 80.00 |
| Drinking in Public Place | 342 | 312 | 17 | 13 | 3,745.00 |
| Intoxicated in Public Place | 484 | 443 | 17 | 24 | 4,495.50 |
| Supply to Minors | 70 | 45 | 12 | 13 | 385.00 |
| Illegal Use of Permit | 4 | 2 | 1 | 1 | 465.00 |
| Having or Consuming in Hotel | 11 | 8 | 1 | 2 | 460.00 |
| Permitting Drunkenness in Private Residence | 28 | 22 | 2 | 4 | 615.00 |
| Regulations 12, 16a, 64a, 127, 132, 175 | 345 | 315 | 16 | 14 | 6,571.75 |
| Found-In, Sec. 108a | 225 | 204 | 14 | 7 | 3,150.00 |
| Miscellaneous | 76 | 63 | 3 | 10 | 1,955.00 |
| Totals | 3,015 | 2,634 | 192 | 189 | $65,551.25 |
| 1941 Totals | 2,419 | 2,183 | 118 | 118 | 59,525.00 |

## CONFISCATED LIQUOR

Spirits, wine and beer seized, confiscated and turned over to the Liquor Control Board:

| | 1941 | 1942 |
|---|---|---|
| Spirits | 425 gals. | 465 gals. |
| Wine | 2,170 " | 745 " |
| Beer | 6,650 " | 6,650 " |
| Approximate Value | $5,750.00 | $6,792.00 |

### AUTOMOBILES CONFISCATED UNDER THE PROVISIONS OF THE LIQUOR CONTROL ACT

1938 Chevrolet Coupe.
1941 Dodge Sedan.
1932 Chevrolet Roadster.
1935 Dodge Sedan.
1936 Terraplane Coupe.

### REVENUE DERIVED FROM ENFORCEMENT OF LIQUOR CONTROL ACT

| | 1941 | 1942 |
|---|---|---|
| Fines Collected | $59,525.00 | $65,551.25 |
| Approximate Value of Liquor Seized | 5,750.00 | 6,792.00 |
| Value of Confiscated Automobiles | 589.00 | 2,205.12 |
| Total | $65,864.00 | $74,548.37 |

## SAMPLES OF LIQUOR FOR ANALYSIS

During the year under review there were approximately 337 samples of liquor for analysis received from members of this Force and Municipal Police Forces throughout the Province of Ontario

The work in connection with these samples plays a very important part in the proper enforcement of the Liquor Control Act. When the samples are received at this Branch a record of the seal numbers, date of seizure, by whom seized and other particulars are placed in a Record Book kept for this purpose, after which the samples in question are delivered to the Provincial Analyst to be analyzed. When the analysis is completed a Certificate of Analysis is prepared by the Analyst under his signature, showing the strength by volume of absolute alcohol, and sworn to as a witness by the Officer in charge of Liquor for Analysis. These Certificates are then mailed to the Police Officers from whom the samples of liquor for analysis were received, to be used as conclusive evidence in Police Courts as to the strength of the liquor seized, proving that the sample in question is intoxicating liquor within the meaning of liquor under the Liquor Control Act of Ontario.

## AMENDMENTS TO THE LIQUOR CONTROL ACT

In 1942 the following amendments were made to the Liquor Control Act, and these amendments have been the means of strengthening the Act:

Section 89a (1) Permit not to be Issued to Minor.
" 89 (2) Minor not to Apply for Permit.
" 98 (1) Liquor not to be Supplied to Minor.
" 98 (2) Minor Prohibited from Purchasing Liquor.
" 100 (1) Forfeiture of Liquor and Containers Under Seizure on Cancellation Order Being Made Against Any Person.
" 108 (a) Offence of Person Found in Any Premises Where a Violation of the Act has Taken Place.

Reports received show good results in the enforcement of the Liquor Control Act throughout the Province, notwithstanding considerable criticism by the Press.

Taking into consideration the numerous camps of the various military units scattered over the Province, with the thousands of Service men having considerable spare time on their hands with a tendency to gravitate toward beverage rooms, in addition to the high wages paid in all industries to-day, the difficulties encountered by law enforcement officers and hotelkeepers have been increased in proportion.

## HIGHWAY TRAFFIC ACT

Returns submitted with regard to the Highway Patrol activities show there has been a noticeable decrease both in the number of accidents recorded and in the number of prosecutions for violations under the provisions of the Highway Traffic Act. This can be ascribed chiefly to two causes, to wit, additional Patrol Cars and the Regulations passed for the conservation of gasoline and rubber.

Continuing the policy of the past two years of replacing with automobiles the motorcycles used for Highway Patrol, 35 additional Patrol Cars were put into operation during the year and an equal number of motorcycles dispensed with.

It is found that the value of these Patrol Cars has been further demonstrated and that the control and supervision of Highway traffic *under all weather conditions* is far superior to the time when all Traffic Constables rode motorcycles.

Although the Wartime Regulations for the conservation of gasoline and the reduction of the speed limit are no doubt responsible for some of the improvement in the traffic situation generally, credit is also due to the White Patrol Cars being constantly seen on the Highways, their presence being an ever present reminder to the driving public to drive carefully.

In an effort to curb the driver who is always ready to take a chance when he feels he will not be detected other Departmental automobiles "not so noticeable" have from time to time been detailed for traffic observation, resulting in some well-deserved convictions.

The following table gives the total accidents reported by members of this Force covering the twelve months under review, showing a decrease of approximately 38% as compared with last year's figures.

Motor Vehicle Accidents Investigated for the Period
January 1st to December 31st, 1942

| Month | No. of Accidents | Fatal | Number Killed | Non-Fatal | Number Injured |
|---|---|---|---|---|---|
| January | 492 | 19 | 21 | 186 | 278 |
| February | 326 | 15 | 21 | 115 | 184 |
| March | 436 | 32 | 37 | 159 | 282 |
| April | 285 | 25 | 30 | 110 | 195 |
| May | 299 | 17 | 20 | 147 | 241 |
| June | 324 | 25 | 31 | 152 | 270 |
| July | 392 | 28 | 29 | 177 | 369 |
| August | 467 | 17 | 20 | 210 | 360 |
| September | 426 | 25 | 29 | 178 | 309 |
| October | 397 | 21 | 25 | 175 | 280 |
| November | 375 | 14 | 15 | 152 | 251 |
| December | 403 | 26 | 27 | 157 | 256 |
| Totals | 4,622 | 264 | 305 | 1,918 | 3,275 |
| Totals for Year 1941 | 7,455 | 377 | 406 | 3,313 | 5,850 |

Listed below is statistical information as supplied by the Registrar of Motor Vehicles with comparative statement of the number of Motor Vehicle Permits and Operator's Licenses issued for the years 1942 and 1941 respectively:—

| | 1942 | 1941 |
|---|---|---|
| Passenger | 611,871 | 636,624 |
| Commercial | 95,825 | 95,022 |
| Trailer | 48,790 | 48,739 |
| Two-Purpose | 1,543 | 1,654 |
| Motorcycle | 6,101 | 5,894 |
| Chauffeur's | 296,751 | 296,191 |
| Operator's | 663,179 | 689,814 |

## PROSECUTIONS FOR TRAFFIC OFFENCES UNDER H.T.A. AND CRIMINAL CODE FOR THE PERIOD JANUARY 1ST TO DECEMBER 31ST, 1942

### HIGHWAY TRAFFIC ACT

| Offences | Prosecutions | Convictions | Dismissals | Withdrawals |
|---|---|---|---|---|
| Speeding | 241 | 239 | 2 | ... |
| Defective Lights | 332 | 282 | 49 | 1 |
| Markers (Dirty) | 494 | 460 | 20 | 14 |
| Careless Driving | 2,040 | 1,758 | 203 | 79 |
| Crowding Front Seat | 40 | 36 | 2 | 2 |
| No Permits (Driver's, Operator's, etc.) | 1,414 | 1,356 | 26 | 32 |
| Driver Under 16 Prohibited | 38 | 37 | 1 | ... |
| Stop or Through Street | 597 | 568 | 20 | 9 |
| Improper Left Turn | 80 | 78 | 2 | ... |
| Overloading | 2,202 | 2,147 | 20 | 35 |
| Defective Brakes | 273 | 237 | 6 | 30 |
| Slow Driving | 4 | 3 | 1 | ... |
| Driving While License Suspended | 2 | 2 | ... | ... |
| Failure to Remain at Scene of Accident | 141 | 105 | 30 | 6 |
| Parking on Travelled Portion of Highway | 178 | 168 | 7 | 3 |
| Rules of the Road | 317 | 295 | 13 | 9 |
| Failure to Notify Department of Purchase | 21 | 17 | 2 | 2 |
| Failure to Change Address | 33 | 30 | 2 | 1 |
| Bicycle Lights, Bell, Control, etc. | 462 | 442 | 11 | 9 |
| Public Commercial Vehicle | 115 | 102 | 10 | 3 |
| Miscellaneous | 75 | 70 | 3 | 2 |
| Licenses (Chauffeur's) | 143 | 134 | 6 | 3 |
| Name of Owner to be Displayed on Vehicle | 59 | 58 | 1 | ... |
| Reflector | 38 | 38 | ... | ... |
| Totals | 9,339 | 8,662 | 437 | 240 |

### CRIMINAL CODE—SECTION 285

| Offences | Prosecutions | Convictions | Dismissals | With drawals |
|---|---|---|---|---|
| Driving While Intoxicated | 358 | 338 | ... | 20 |
| Hit-and-Run Drivers | 99 | 72 | 12 | 15 |
| Taking Car Without Owner's Consent | 40 | 23 | 16 | 1 |
| Reckless or Dangerous Driving | 586 | 394 | 141 | 51 |
| Miscellaneous Offences | 36 | 36 | ... | ... |
| Totals | 1,119 | 863 | 169 | 87 |
| Grand Totals 1942 | 10,458 | 9,524 | 606 | 328 |

### PROSECUTIONS IN 1941

| | Prosecutions | Convictions | Dismissals | Withdrawals |
|---|---|---|---|---|
| Highway Traffic Act | 13,053 | 12,179 | 592 | 282 |
| Criminal Code, Section 285 | 1,784 | 1,453 | 269 | 72 |
| Grand Totals for 1941 | 14,837 | 13,632 | 861 | 354 |

The movement of transport vehicles over Provincial Highways has been particularly heavy this year. The Toronto area records alone show that 263,388 trucks passed over the eight Weigh Scales within a radius of ten miles of Toronto.

Owing to the increased volume of transport, arrangements were made to have the principal Scales under continual operation.

2,202 prosecutions were entered and 2,157 convictions obtained for offences arising from overloading or carrying insufficient license. Special consideration was given to vehicles transporting war material or material required at war industries, the Regulations governing weight and size of load being waived unless there was flagrant disobedience or willful disregard.

## STATISTICAL RETURNS

### CLASSIFIED RETURN OF PROSECUTIONS, CONVICTIONS, DISMISSALS AND WITHDRAWALS JANUARY 1ST TO DECEMBER 31ST, 1942

| | Prosecutions | Convictions | Dismissals | Withdrawals |
|---|---|---|---|---|
| Criminal Code and Other Statutes | 6,301 | 4,865 | 972 | 464 |
| Highway Traffic Act | 9,339 | 8,661 | 437 | 241 |
| Liquor Control Act | 3,015 | 2,624 | 195 | 196 |
| Wartime Regulations | 3,221 | 3,103 | 61 | 57 |
| Totals | 21,876 | 19,253 | 1,665 | 958 |
| 1941 Totals | 23,301 | 20,712 | 1,769 | 820 |

### RETURN OF CRIMINAL PROSECUTIONS

| Offence | Convictions | Dismissals | Withdrawals | Total |
|---|---|---|---|---|
| Abduction | 1 | 3 | ... | 4 |
| Abetting | ... | 2 | ... | 2 |
| Abortion | 2 | 1 | ... | 3 |
| Affray | 19 | 1 | ... | 20 |
| Arson | 8 | ... | ... | 8 |
| Assault—Aggravated | 15 | 3 | 5 | 23 |
| Assault—Bodily Harm | 161 | 71 | 15 | 247 |
| Assault—Common | 225 | 61 | 12 | 298 |
| Assault—Indecent | 28 | 7 | 3 | 38 |
| Assault—Police Officer | 9 | 1 | ... | 10 |
| Assault—Resisting Arrest | 3 | ... | ... | 3 |
| Assault—Intent to Rob | 2 | ... | .. | 2 |
| Attempted Arson | 2 | ... | ... | 2 |
| Attempted Breaking, Entering | 7 | 1 | ... | 8 |
| Attempted Breaking Prison | 1 | ... | ... | 1 |
| Attempted Bribery | 1 | ... | ... | 1 |
| Attempted Buggery | 3 | ... | 1 | 4 |
| Attempted Carnal Knowledge | 4 | 2 | ... | 6 |
| Attempted Murder | 1 | ... | .. | 1 |
| Attempted Rape | 4 | 4 | 2 | 10 |
| Attempted Robbery | 1 | 2 | 2 | 5 |
| Attempted Suicide | 13 | 7 | 2 | 22 |
| Attempted Theft | 17 | 5 | 2 | 24 |
| Driving Whilst Intoxicated | 338 | ... | 20 | 358 |
| Hit-and-Run Driver | 72 | 12 | 15 | 99 |
| Taking Car Without Owner's Consent | 23 | 16 | 1 | 40 |
| Reckless or Dangerous Driving | 394 | 141 | 51 | 586 |
| Driving While License Suspended | 36 | ... | ... | 36 |
| Attempted Manslaughter | 1 | ... | ... | 1 |
| Bawdy House—Found-In | 9 | 1 | 3 | 13 |
| Bawdy House—Keeping | 14 | 1 | 2 | 17 |
| Betting House—Found-In | 69 | 7 | ... | 76 |
| Betting House—Keeper | 41 | 3 | 3 | 47 |
| Gaming House—Keeper | 80 | 19 | 39 | 138 |
| Gaming House—Found-In | 83 | ... | ... | 83 |

RETURN OF CRIMINAL PROSECUTIONS—Continued

| Offence | Convictions | Dismissals | Withdrawals | Total |
|---|---|---|---|---|
| Gaming House—Keeping Cock Pit | 13 | ... | ... | 13 |
| Gaming House—Lease of Gaming Machines | 10 | 4 | 2 | 16 |
| Bigamy | 2 | ... | ... | 2 |
| Birds—Attempt to Kill, Maim, Poison | 1 | ... | 1 | 2 |
| Birds—Cruelty | ... | ... | 1 | 1 |
| Birds—Willful Injury | ... | 2 | ... | 2 |
| Burglary | 66 | 12 | 6 | 84 |
| Housebreaking | 384 | 18 | 18 | 420 |
| Shopbreaking | 61 | 11 | 1 | 73 |
| Having Housebreaking or Safebreaking Instruments | ... | ... | 2 | 2 |
| Breach of the Peace | ... | ... | 1 | 1 |
| Breaking Gaol | 3 | ... | ... | 3 |
| Bribery | ... | ... | 1 | 1 |
| Buggery | 7 | ... | 1 | 8 |
| Carnal Knowledge | 23 | 6 | 1 | 30 |
| Causing Bodily Harm | 1 | 2 | ... | 3 |
| Common Nuisance | ... | 4 | ... | 4 |
| Concealment of Birth | 2 | ... | ... | 2 |
| Conspiracy | 9 | 7 | 3 | 19 |
| Contempt of Court | 1 | ... | ... | 1 |
| Corrupting Children | 12 | ... | ... | 12 |
| Corrupting Witness, Juryman, Public Officer | ... | 1 | ... | 1 |
| Corrupting Public Morals | ... | 1 | ... | 1 |
| Criminal Negligence | 6 | 7 | 2 | 15 |
| Cruelty to Animals | 13 | 6 | ... | 19 |
| Damage to Property | 52 | 2 | 4 | 58 |
| Damage—Wilful | 66 | 21 | 6 | 93 |
| Deserters—Concealing | 3 | ... | ... | 3 |
| Desertion of Child, Wife, and Neglect | 8 | 3 | 1 | 12 |
| Disorderly Conduct | 7 | ... | ... | 7 |
| Escaping Custody | 14 | ... | ... | 14 |
| Explosives Causing Danger and Mischief | 1 | ... | ... | 1 |
| False Pretences | 79 | 30 | 9 | 118 |
| Forgery | 39 | 2 | ... | 41 |
| Fraud | 16 | 4 | 2 | 22 |
| Gambling Devices (Conducting) | 7 | ... | 1 | 8 |
| Highgrading | 9 | 3 | ... | 12 |
| Incorrigible (Juvenile Delinquency) | 8 | ... | ... | 8 |
| Incest | 12 | 4 | 5 | 21 |
| Indecent Acts | 28 | 3 | 5 | 36 |
| Intimidation | 2 | 1 | ... | 3 |
| Lottery | ... | ... | 1 | 1 |
| Manslaughter | 6 | 5 | 1 | 12 |
| Miscellaneous Offences | 82 | 10 | 3 | 95 |
| Mischief | 34 | 7 | 2 | 43 |
| Military—Disclosing Information | 1 | ... | ... | 1 |
| Military—Wearing Medals, Uniforms | 1 | ... | ... | 1 |
| Murder | 4 | 4 | 3 | 11 |
| Non-Support, Children, Wife | 32 | 17 | 6 | 55 |
| Nuisances | 4 | ... | 2 | 6 |
| Obscene and Insulting Language | 1 | ... | 3 | 4 |
| Obscene Literature and Theatricals | 1 | 1 | ... | 2 |
| Obstructing Police | 47 | 20 | 4 | 71 |
| Offensive Weapons | 40 | 5 | 1 | 46 |
| Impersonating Police Officer | 2 | 3 | ... | 5 |
| Perjury | 12 | 1 | ... | 13 |
| Possession of Stolen Property | 16 | 5 | ... | 21 |
| Procuring | 2 | 4 | ... | 6 |
| Raffles | 1 | ... | ... | 1 |
| Rape | 3 | 5 | ... | 8 |
| Receiving or Retaining Stolen Goods | 45 | 15 | 15 | 75 |
| Robbery and Extortion | 34 | 5 | 2 | 41 |
| Seduction | 4 | 1 | ... | 5 |
| Shooting With Intent | 2 | 4 | ... | 6 |

### RETURN OF CRIMINAL PROSECUTIONS—Continued

| Offence | Convictions | Dismissals | Withdrawals | Total |
|---|---|---|---|---|
| Spreading False News | 1 | ... | ... | 1 |
| Theft | 928 | 173 | 54 | 1,155 |
| Theft of Poultry | 32 | ... | ... | 32 |
| Trespassing | 34 | 5 | 8 | 47 |
| Threatening | 2 | 2 | 4 | 8 |
| Unlawful Assembly | 1 | 2 | ... | 3 |
| Uttering | 19 | 1 | 1 | 21 |
| Vagrancy | 414 | 62 | 74 | 550 |
| Wounding With Intent | 6 | 4 | ... | 10 |
| Wounding Cattle and Animals | 19 | 4 | ... | 23 |
| Totals | 4,482 | 890 | 435 | 5,807 |

### REVISED STATUTES OF ONTARIO

| Offence | Convictions | Dismissals | Withdrawals | Totals |
|---|---|---|---|---|
| Cemetery Act | ... | 2 | ... | 2 |
| Children's Maintenance Act | 1 | 3 | ... | 4 |
| Children's Protection Act | 5 | 1 | ... | 6 |
| Deserted Wives' and Children's Maintenance Act | 4 | 4 | 2 | 10 |
| Farm Products Control Act | 1 | ... | ... | 1 |
| Farm Products Grades and Sales Act | 1 | ... | ... | 1 |
| Female Refuge Act | 7 | ... | 1 | 8 |
| Forest Fires Prevention Act | 25 | 2 | 1 | 28 |
| Game and Fisheries Act | 61 | 13 | 1 | 75 |
| Highway Improvement Act | 5 | ... | ... | 5 |
| Master and Servant Act | 13 | 3 | 5 | 21 |
| Mental Hospitals Act | 106 | 20 | 8 | 134 |
| Mining Act | 2 | ... | ... | 2 |
| Miscellaneous Provincial Statutes | 18 | 2 | 2 | 22 |
| Pharmacy Act | 2 | ... | ... | 2 |
| Public Health Act | 9 | ... | 1 | 10 |
| School Attendance Act | 1 | ... | ... | 1 |
| School Training Act | 26 | 2 | 1 | 29 |
| Standard Hotel Registration of Guests | 3 | ... | ... | 3 |
| Transportation of Fowl Act | 7 | ... | ... | 7 |
| Hog Subsidy Act | 3 | ... | ... | 3 |
|  | 300 | 52 | 22 | 374 |

### REVISED STATUTES OF CANADA

| Offence | Convictions | Dismissals | With drawals | Totals |
|---|---|---|---|---|
| Indian Act | 37 | 3 | ... | 40 |
| Lord's Day Act—Gambling | 17 | ... | 1 | 18 |
| Lord's Day Act—Work, Sell, Etc. | 13 | ... | ... | 13 |
| Militia Act | 2 | ... | ... | 2 |
| Radio Act | 2 | ... | ... | 2 |
| Juvenile Delinquent Act | 12 | 27 | 6 | 45 |
|  | 83 | 30 | 7 | 120 |

### WARTIME REGULATIONS

| Offence | Convictions | Dismissals | Withdrawals | Total |
|---|---|---|---|---|
| War Measures Act—Speeding on Highways | 2,889 | 39 | 37 | 2,965 |
| Breach Wartime Prices and Trade Board Regulations | 31 | 4 | 2 | 37 |
| Breach National Resources Mobilization Act | 11 | 2 | 2 | 15 |
| Breach National Registration Act | 95 | 8 | 11 | 114 |
| Breach Defence of Canada Regulations | 77 | 8 | 5 | 90 |
| Totals | 3,103 | 61 | 57 | 3,221 |

### GRAND TOTALS

| Offence | Convictions | Dismissals | Withdrawals | Total |
|---|---|---|---|---|
| Criminal Prosecutions | 4,482 | 890 | 435 | 5,807 |
| Prosecutions Under Revised Statutes of Ontario | 300 | 52 | 22 | 374 |
| Prosecutions Under Revised Statutes of Canada | 83 | 30 | 7 | 120 |
| Prosecutions Under Wartime Regulations | 3,103 | 61 | 57 | 3,221 |
| | 7,968 | 1,033 | 521 | 9,522 |
| 1941 Totals | 6,350 | 1,059 | 420 | 7,829 |

Arrested with or without warrants and persons summoned for offences against the Criminal Code and other Dominion and Provincial Statutes:

| | |
|---|---|
| Arrested with Warrant under Criminal Code, Highway Traffic Act and other Statutes | 1,381 |
| Arrested with Warrant under Liquor Control Act | 54 |
| Arrested without Warrant under Criminal Code, Highway Traffic Act and other Statutes | 2,391 |
| Arrested without Warrant under Liquor Control Act | 790 |
| Summoned, etc | 17,260 |
| Total | 21,876 |
| 1941 Total | 23,301 |

Classification of the ages of persons prosecuted for offences against the Criminal Code and other Dominion and Provincial Statutes, Highway Traffic Act and the Liquor Control Act:

| | |
|---|---|
| Ages 10-15 years | 353 |
| " 15-20 " | 3,426 |
| " 20-30 " | 6,299 |
| " 30-40 " | 5,134 |
| " 40-50 " | 3,426 |
| " 50-60 " | 1,582 |
| " 60-70 " | 496 |
| " Over 70 " | 30 |
| Companies | 1,140 |
| Total | 21,876 |
| 1941 Total | 23,301 |

Classification of nationalities of persons prosecuted for offences against the Criminal Code and other Dominion and Provincial Statutes, Highway Traffic Act, and the Liquor Control Act:

| | |
|---|---|
| Canadians | 16,397 |
| Americans | 460 |
| English | 698 |
| Indian | 234 |
| Irish | 86 |
| Italians | 191 |
| Polish | 203 |
| Russian | 113 |
| Other Nationalities | 2,354 |
| Companies | 1,140 |
| Total | 21,876 |
| 1941 Total | 23,301 |

Classification of the sex of persons prosecuted for offences against the Criminal Code and other Dominion and Provincial Statutes, Highway Traffic Act and the Liquor Control Act:

| | |
|---|---|
| Males | 17,280 |
| Females | 3,456 |
| Companies | 1,140 |
| Total | 21,876 |
| 1941 Total | 23,301 |

Classification of marital state of persons prosecuted for all offences against the Criminal Code and other Dominion and Provincial Statutes, Highway Traffic Act and the Liquor Control Act:

| | |
|---|---|
| Married | 10,913 |
| Single | 9,655 |
| Widows | 23 |
| Widowers | 145 |
| Companies | 1,140 |
| Total | 21,876 |
| 1941 Total | 23,301 |

Number of Search Warrants executed under the following:

| | 1942 | 1941 |
|---|---|---|
| Criminal Code | 949 | 1,211 |
| Highway Traffic Act | 42 | 16 |
| Liquor Control Act | 1,638 | 1,778 |
| Number of Arrests for Other Forces | 485 | 436 |
| Summonses Served for Other Forces | 1,379 | 2,053 |

## LOST OR STOLEN PROPERTY RECOVERED

Property which had been reported lost or stolen to the value of $233,883.69 was recovered by members of the Force and restored to its various owners.

## CONCLUSION

In conclusion I desire to express my sincere appreciation for the counsel and advice received at all times from the Deputy Attorney-General and Solicitors of your Department.

I also wish to thank the Press and Radio Officials, Municipal, Railway and Royal Canadian Mounted Police Forces for their ever-ready assistance and co-operation throughout the year.

I further desire to assure you on behalf of the Force of which I have the honour to be the head that the same constant vigilance and devotion to duty will be maintained during the critical days that still lie ahead.

Respectfully submitted,

William H. Stringer,
*Commissioner of Police for Ontario.*

Ontario Research Foundation

# REPORT

## For the Year 1942

Presented by the Chairman
to the Lieutenant-Governor in Council

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 62, 1943

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1943

# CONTENTS

PAGE

DIRECTOR'S REPORT - 7

Textiles - 8

Biochemistry - 8

Metallurgy - 9

Chemistry - 9

Agriculture - 9

APPENDICES—

(*a*) Advisory Council - 12

(b) List of Publications - 14

(c) Audited Financial Statement - 24

April 6th, 1943.

THE HONOURABLE GORDON D. CONANT, K.C.,
*Prime Minister of Ontario,*

Parliament Buildings, Toronto.

DEAR SIR:

In accordance with the Statute under which this Foundation was established it is my privilege to place in your hands our Annual Report for 1942.

The Financial Statement reflects the healthy condition of this aspect of our activities. From the Director's report to me you will learn of the intensive and successful concentration of our resources in men and equipment on vital problems associated with the war effort.

I commend this Report to the attention of Members of the Government and of the Legislature.

I have the honour to be,

Your obedient servant,

E. G. BAKER,

*Vice-Chairman.*

# REPORT OF THE DIRECTOR OF RESEARCH, 1942

To Edwin G. Baker, Esq.,
*Vice-Chairman*

Dear Sir:

Three years have passed since the outbreak of the war. Gradually the industrial and agricultural activities of the nation have become concentrated on the requirements of a war economy. Even the residue which caters to civilian requirements is increasingly confronted with problems arising from restricted supplies and control. The activities of a research institution have naturally kept pace with the changing problems of the community as a whole. During the past year war problems gradually assumed a dominating feature of our work.

Following my usual custom I have received and read detailed reports from my senior colleagues describing the work of the various departments. In previous years I have endeavoured to present to you a synopsis of these reports, dealing especially with the research projects initiated and supported by this Foundation, and providing a record of the extent to which our facilities are being utilized by the industries of the Province. No such statement is possible under existing conditions.

During the year the income of the Foundation, apart from the return from investments, was $197,320.05 compared with $132,500.38 in the previous year. Approximately $100,000 of this sum was received from Departments associated with the Federal Government and the remainder from industrial corporations or groups of companies. The encouraging feature of this is that our income derived from industrial sources was about twice the revenue received from the same source in 1939. Both in relation to Government and industry we have continued to supply services at as close to cost as possible. The Foundation has endeavoured to contribute up to the limit of our resources without encroaching on the invested capital which provides for the maintenance of a small nucleus of senior members of the staff. The results of this endeavour are reflected in the Annual Statement which indicates a small surplus after an income and expenditure of over $300,000.

Since the war started the staff of the Foundation has doubled, and at the present time the available space is being utilized to something more than what should be normal capacity. The buildings and equipment have been maintained in good condition and are adequately protected against fire. The smooth running of the laboratories has been made possible very largely by the sustained efforts of the Secretary and his staff. Occasionally the scientific side of our work seems to disappear beneath a cover of problems associated with National Service and Priorities.

## TEXTILES

For the greater part of the year we have been associated with the Medical Research Committee of the National Research Council in the development of textile and associated stores for the R. C. A. F. In support of this work a grant has been received from the Council.

Of the short-term problems and requests for control testing 70 per cent have been directly concerned with war contracts. It is gratifying to report an addition of 30 names to the list of firms using the facilities of the Department.

The work of the Quality Control Laboratory operated on behalf of Courtauld's Ltd. has continued throughout the year. The principal change in the plan as a whole is the publication in book form by the Company of the specifications and standards formulated by the laboratory for the woven goods field. We feel that this marks a distinct contribution to the national effort to establish and maintain working standards of good service in relation to the prices paid by the consumer.

A new Fellowship in the Department has been established and supported by the York Knitting Mills, Ltd., of Toronto.

## BIOCHEMISTRY

In co-operation with the National Research Council and with their financial support a study is in progress of methods for utilizing linseed oil in the food industries. Refining and hydrogenation have so far received attention. The importance of this work grows out of the situation regarding supplies of vegetable oils and animal fat in Canada, and the increase of linseed oil supplies due to the growth of flax in Western Canada.

At the request of the Director of Chemicals and Explosives the Department is investigating methods for the production of glycerol from cereals by fermentation.

Sporadic attention has been given to the development of and the testing of leather for boots and other military stores.

The vitamin testing laboratory has provided for manufacturers facilities for all the recognized chemical and biological methods. No certificates are issued except on the basis of methods which have been explored and verified in the Department. This policy has involved a considerable amount of money and time during the past four years owing to the steady publication of new and revised methods. Any national programme of control applied to the food industries must involve adequate and accurate facilities for testing and the maintenance of standards. The relatively small company cannot maintain such facilities as part of its own organization.

## METALLURGY

The gauge inspection and gauge rectification laboratories have continued to operate on behalf of the Inspector General and the Department of Munitions and Supply.

Our two service departments, heat-treating and physical testing, have operated to capacity during the year and rendered a distinct service to the smaller manufacturer in particular. The special equipment installed for hydrogen annealing is now in continuous service providing facilities for the treatment of important aeroplane parts.

During the year a Fellowship supported by Deloro Smelting and Refining Company has been devoted to a study of problems associated with powder-metallurgy.

The Hamilton Bridge Company have supported a Fellowship devoted to the study of war problems.

The senior members of the staff have been wholly employed on war problems submitted to us by the Inspection Board, Thompson Products Ltd., Pedlar People Ltd., and other companies.

## CHEMISTRY

The work of the analytical laboratory has increased and is now relatively stable in volume. This pressure has necessitated concentration on metallurgical samples submitted directly by the Inspection Board or by outside firms.

The cellulose and plastics laboratory has been the centre of sustained activity and development. During the year Fellowships in Chemistry have been supported by Sterling Rubber Company Ltd., Moore Corporation Ltd., and Wm. Wrigley Jr. Company Ltd.

A separate laboratory has been organized to handle the numerous and varied problems of a short-term character which come to the Department. These reached a new peak in number, 194, and in technical background covered almost the entire field of industrial chemistry.

The laboratory maintained by Consumers' Gas Company Ltd. has completed another successful year in co-operation with the technical staff of the Company.

## AGRICULTURE

Research has continued on problems associated with infection by *Ascaris lumbricoides*, particularly those relating to the resistance produced in guinea pigs by infection with this parasite.

During the autumn season specimens of the Ruffed Grouse were collected from different localities to determine the extent of infection by the malarial type of blood parasite described by Clarke some years ago. Clarke suggested that the periodic fall and rise in the grouse population was due largely to this parasite, *Leucocytozoon bonasae*. From his field reports one had reason to expect a peak of grouse in 1942 and a decline in 1943. We were able to examine 48 birds, and of these over 50 per cent. were infected. For assistance in securing material we are indebted to the Ontario Department of Game and Fisheries and to several gentlemen interested in game bird shooting.

A minor outbreak of duck sickness among the birds resting in the Dover marshes, Kent County, was investigated. The clinical reports and bacteriological study of material strongly suggested poisoning of the birds by the products of *Bacillus botulinum*. Botulism is common to the prairies but has not previously been reported in Ontario.

The preparation of maps indicating the principal soil types, their distribution and the climatic features of Southern Ontario has been completed by the summer field work of the past year. We hope in the near future to revise and collate ten years' work, and make it available in convenient form to teachers and extension lecturers in the Province. I need not emphasize the importance of this work in relation to any plans for the improved utilization of land in Ontario.

Throughout the growing season a careful study was made of oat fields in a strip of country extending from Lake Erie in the south to Georgian Bay. This area included approximately 2 million acres and is characterized by great variations in climate, soil and growing season. Yields were found to vary from 25 to 110 bushels to the acre. Our hope has been to establish some relationship between these wide variations in yield, soil, climate and variety of seed planted. The farmers and agricultural representatives in the area have co-operated to the fullest extent.

Apart from our contribution to the war effort the most gratifying feature of the year's work has been the increase in the number of Research Fellowships maintained by private firms. A Fellowship enables the Foundation to concentrate the thoughts and efforts of one or more workers on a specific problem for sufficient time to allow a worth-while contribution to be made. It expresses the purpose for which the Foundation was created, and no amount of "trouble shooting" or efficiently performed routine services are any substitute. The further development of the Fellowship system is restricted for the time being by problems of personnel and supplies. My hope is that by this system we may make a contribution to post-war industrial development in this Province. At the moment our industrial organization and the various scientific institutions are working together in a common effort with mutual respect. One of the most important post-war problems will be how to maintain and develop and utilize this relationship.

During the year Dr. Seymour Hadwen, one of the original members of the staff, reached the retiring age. He came to this Foundation after serving with distinction as the Senior Pathologist on the staff of the Veterinary Director General of Canada and as Professor in the University of Saskatchewan. This is not the time to enumerate or assess his contributions to veterinary science and to agricultural development in Canada, suffice it to say that they have earned for him an international reputation. Like all possessors of a truly scientific mind he is equally at home in the laboratory or sharing the life and problems of the rancher or the Eskimo herdsman of reindeer in the far north. To a young institution with no tradition he gave devoted service and set an example as a research worker inspired by a sense of public service. His colleagues will always remember him with gratitude and affection.

All of which is respectfully submitted.

Faithfully yours,

H. B. SPEAKMAN,
*Director.*

*Appendix A*

## ADVISORY COUNCIL

*Chairman:* E. Holt Gurney, Esq.

*Vice-Chairman:* Edwin G. Baker, Esq.

*Advisory Council:*

| | |
|---|---|
| J. P. Bickell, Esq | President, McIntyre-Porcupine Mines, Ltd., Standard Bank Bldg., Toronto. |
| N. E. Bolton, Esq | Research Department, T. Eaton Co. Ltd., Toronto. |
| H. H. Champ, Esq | Vice-President, The Steel Company of Canada, Ltd., Hamilton, Ont. |
| G. I. Christie, Esq. B.S.A., D.Sc | President, Ontario Agricultural College, Guelph, Ont. |
| A. L. Clark, Esq., B.Sc., Ph.D | Dean, Faculty of Applied Science, Queen's University, Kingston, Ont. |
| Elmer Davis, Esq | Vice-President, A. Davis & Son, Ltd., Kingston, Ont. |
| R. C. Dearle, Esq., M.A., Ph.D | Professor of Physics, University of Western Ontario, London, Ontario. |
| W. A. Dryden, Esq | Maple Shade Farm, Brooklin, Ont. |
| R. M. Jenkins, Esq., V.S | Manager, Don-Alda Farm, Donlands, Ontario. |
| Louis Lang, Esq | President, Lang Tanning Co., Ltd., Kitchener, Ontario. |
| G. C. McEwen, Esq | Vice-President and General Manager, Imperial Varnish & Colour Co. Ltd., Toronto. |
| J. Stanley McLean, Esq | President Canada Packers Limited, Toronto. |

| | |
|---|---|
| Humfrey Michell, Esq., M.A. | Professor of Political Economy, McMaster University, Hamilton, Ontario. |
| Paul J. Myler, Esq. | Chairman of the Board, Canadian Westinghouse Co. Ltd., Hamilton, Ontario. |

*Appendix B*

## LIST OF PUBLICATIONS TO DECEMBER 31st, 1942

Barbour, A. D.

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The Malleability of Nickel and of Monel Metal. *Journal of the Institute of Metals*, 1934, *54*, pp. 145-160.

Deoxidation and Degasification of Red Brass and Bronze. *Transactions of the American Foundrymen's Association*, 1934, *42*, pp. 160-172.

*The Effect of the Shape of the Test Piece upon the Energy needed to Deform Materials in the Single-Blow Drop Test. *Transactions of the American Society for Metals*, 1936, *24*, pp. 943-964.

Effect of Pouring Temperature on Structure of Bearing Metals. *Industrial Heating*, 1937, *4*, pp. 117-120.

Wear Tests on Ferrous Alloys. (Institute of British Foundrymen, June, 1937) *Foundry Trade Journal*, 1937, *57*, pp. 23-26, 29.

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Ellis, O. W., Gordon, J. R., and Farnham, G. S.

The Wear Resistance of White Cast Iron. *Transactions of the American Foundrymen's Association*, 1935, *43*, pp. 511-530.

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*A limited number of those reprints marked with an asterisk are still available and may be obtained on application to the Librarian.

*Appendix C*

## ONTARIO RESEARCH FOUNDATION
## BALANCE SHEET

As At December 31, 1942

### *ASSETS*

| | | |
|---|---|---|
| **Current Assets:** | | |
| Cash in Banks and on Hand | $ 30,915.37 | |
| Accounts Receivable less Reserve | 22,512.97 | |
| Stores and Containers | 11,171.39 | |
| | | $ 64,599.73 |
| **Investments:** | | |
| Securities of The Dominion of Canada and Bonds at book value which is less than market value | $3,375,598.45 | |
| Accrued Interest thereon to December 31, 1942 | 42,142.30 | |
| Preferred and Common Stocks valued at the market of December 31, 1942 | 210,896.00 | |
| Cash awaiting investment | 2,500.73 | |
| | | 3,631,137.48 |
| **Fixed Assets** (*Portion owned by Ontario Research Foundation*): | | |
| Equipment, Furniture and Library | | 140,393.06 |
| **Sundry Assets:** | | |
| Prepayments and Sundry Assets | | 1,667.88 |
| | | $3,837,798.15 |

Signed on behalf of Ontario Research Foundation:

Alfred B. Ward,
Secretary-Treasurer.

## BALANCE SHEET AS AT DECEMBER 31, 1942—Continued

### *LIABILITIES, RESERVES AND CAPITAL*

| | | |
|---|---|---|
| CURRENT LIABILITIES: | | |
| Accounts Payable | $ 875.37 | |
| Staff War Savings Subscriptions Payable | 166.00 | |
| | | $ 1,041.37 |
| REPLACEMENT RESERVES: | | |
| *For Equipment, Furniture and Library:* | | |
| Owned and used by Ontario Research Foundation | $111,165.30 | |
| Used by Ontario Research Foundation | 47,139.13 | |
| | | 158,304.43 |
| INVESTMENT RESERVE ACCOUNT | | 23,061.49 |
| CAPITAL FUNDS | | 3,646,842.00 |
| SURPLUS ACCOUNT | | 8,548.86 |
| | | $3,837,798.15 |

I have audited the books and accounts of Ontario Research Foundation for the year ended December 31, 1942, and have verified the Bonds, Stocks and Cash Balances and have found them to be in accord with the figures contained in the above Balance Sheet. I have received all the information and explanations I have required and I certify that, in my opinion, the above Balance Sheet gives a true and correct view of the affairs of Ontario Research Foundation at December 31, 1942.

All my requirements as Auditor have been complied with.

ELLIOTT ALLEN, F.C.A.
of Allen, Miles & Fox,
Chartered Accountants.

Toronto, Canada, January 23, 1943.

## ONTARIO RESEARCH FOUNDATION
## INCOME AND EXPENDITURE ACCOUNT
## YEAR ENDED DECEMBER 31, 1942

### *EXPENDITURE*

| | | |
|---|---|---|
| Salaries including Cost of Living Bonus | $227,841.88 | |
| Laboratory Expenses and Supplies | 32,797.66 | |
| Travelling Expenses | 7,598.21 | |
| General Expenses | 35,191.57 | |
| Depreciation on Assets owned and on Assets used by Ontario Research Foundation | 17,500.62 | |
| Transferred to Reserve for Doubtful Accounts | 305.00 | |
| | | $321,234.94 |
| Transferred to Surplus Account | | 3,134.38 |
| | | $324,369.32 |

### *INCOME*

| | | |
|---|---|---|
| Fees for Professional Services | | $194,832.19 |
| Income from Investments | $162,611.63 | |
| *Less* Amount reserved for income stabilization | 40,574.85 | |
| | | 122,036.78 |
| Royalties Received | | 2,487.86 |
| United States Premiums Received | | 4,678.10 |
| Sundry Income | | 334.39 |
| | | $324,369.32 |

### *SURPLUS ACCOUNT*

YEAR ENDED DECEMBER 31, 1942

| | | |
|---|---|---|
| January 1, 1942 | By Balance | $ 2,516.92 |
| December 31, 1942 | By sundry adjustments during the year | 2,897.56 |
| December 31, 1942 | By Surplus transferred from Income and Expenditure Account | 3,134.38 |
| Total Surplus as at December 31, 1942 | | $ 8,548.86 |

# FIFTY-SIXTH ANNUAL REPORT

OF THE

# Niagara Parks Commission

## 1942

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 64, 1943

ONTARIO

TORONTO
Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty
1943

## THE NIAGARA PARKS COMMISSION

HON. T. B. McQUESTEN, K.C., Chairman, Hamilton.
DR. GEORGE B. SNYDER, Vice-Chairman, Niagara Falls.
HON. WM. L. HOUCK, B.S., Niagara Falls.
JOHN C. M. GERMAN, K.C., Toronto.
ROSS HARSTONE, Hamilton.
A. T. WHITAKER, Brantford.
DONALD McGILLIVRAY, Port Colborne.
ARCHIE J. HAINES, M.L.A., Jordan.

General Manager and Secretary
MAXIM T. GRAY, O.L.S., Fort Erie.

Administration Building, Queen Victoria Park

# FIFTY-SIXTH ANNUAL REPORT

OF THE

# NIAGARA PARKS COMMISSION

To The Honourable Albert Matthews, LL.D.,
*Lieutenant-Governor of the Province of Ontario.*

May It Please Your Honour:

The Niagara Parks Commission begs to submit for the information of the Ontario Legislature, the Fifty-Sixth Annual Report, covering the fiscal year from April 1, 1941 to March 31, 1942.

The membership of the Commission remained unchanged from the previous year: Hon. T. B. McQuesten, K.C., Minister of Highways, Hamilton, was Chairman; Dr. George B. Snyder, Niagara Falls, Vice-Chairman; Hon. Wm. L. Houck, B.S., Minister Without Portfolio, Niagara Falls; John C. M. German, K.C., Toronto; Ross Harstone, Hamilton; A. T. Whitaker, Brantford; Donald McGillivray, Port Colborne; Archie J. Haines, M.L.A., Jordan, members.

There was a change in the post of secretary and general manager during the year. C. Ellison Kaumeyer, Chippawa, who had held the dual position since reorganization of the Commission in 1934, resigned to become secretary and general manager of the Niagara Falls Bridge Commission, in charge of the "Rainbow Bridge", and the Commission named as his successor Maxim T. Gray, O.L.S., of Fort Erie.

During the period of the year covered in this report, the World War, with its all-embracing activities, was raging in every continent. Its effect was felt greatly in many ways, none favourably. Tourist traffic was hit by the rationing of gas, the shortage of tires, the general increases in taxation of Canadians and our American neighbours, and the necessary military precautions which had to be continued to protect the immensely valuable Hydro installations on the Parks Commission Properties. In this respect the Commission co-operated in the fullest degree with the military authorities, keeping closed and barricaded the Niagara Parkway from the Dufferin Islands past the big power plants located south of the Canadian Horseshoe Falls and Table Rock House, which was closed down for the duration of the War at a loss of $475,000 gross business yearly, and past the power plant located below the Canadian Falls, thus limiting access to the Park Restaurant, the second largest revenue producing concession of the Commission. Thus, in addition to the War limiting the number of visitors and consequently the revenue obtainable, the facilities of the Commission in appealing to what visitors did come were greatly restricted and the volume of business shows a big decrease over pre-war years. Further judgments given by the Privy Council added to the financial burden to be carried because of its translation of a 40-year-old contract covering the long defunct International Railway (the Gorge Route), so that to the loss of revenue there had to be added the sums necessary to provide payment of interest and principal on a judgment adverse to the Niagara Parks Commission and after favourable judgments had been given by every Canadian Court which ruled on the matter.

Perforce, therefore, the Commission had to conserve its financial resources remaining, applying them as much as possible to the reduction of the debt thus created, by keeping capital expenditures down to the greatest possible degree coincident with present-day conditions. Extension of the Mather Park and Old Fort Erie areas by building of a seawall taking in a portion of what has been Lake Erie to round out the park properties, and the picking up of one plot of advantageous property which came into the market at a fair price to give greater control of the Niagara Parkway were among the capital expenditures which circumstances required should be looked after. The greatly-needed greenhouses are still just that—capital funds not being available for their construction.

Maintenance not only of the Queen Victoria Park and Oakes Garden Theatre but of the Niagara Parkway in general, inclusive of the boulevard plantings, especially around the School for Apprentice Gardeners, has been carried on, and some extensions added, particularly at the School, where the apprentice gardeners get practical as well as theoretical training. In spite of the traffic troubles—the area near the school has to be marked as barricaded because of the near presence of the O.H.E.P.C. Queenston development plant—there are many visitors to this section at Niagara Glen, and their comments have been very enthusiastic. When the arboretum planned is proceeded with, the rose garden now under construction is completed, and the nursery gardens fully laid out, this will be one of the most attractive sections of the Niagara Parkway. This stretches from Old Fort Erie, just south of the Peace Bridge, which on the Canadian side has Mather Park as a beautiful "anchor", on past the varying vistas of the Niagara River, then on through Chippawa and the upper rapids of the Niagara River, through the Dufferin Islands and the vista of the Horseshoe Falls, continuing through Queen Victoria Park, past the Oakes Garden Theatre and the Canadian "anchor" of the Rainbow Bridge, then up north further to the Whirlpool, through Queenston Heights, again paralleling the Niagara River but with a steady flow showing through the vistas in place of the turbulence of the Upper Rapids and the Whirlpool Rapids, until it enters the area of Old Fort George, recently reconstructed, and continues until it concludes with the views across the Niagara-on-the-Lake Golf Club and Fort Mississauga to Fort Niagara on the U.S. side.

But, despite financial handicaps, the Commission has kept strictly to its program of preservation, restoration, commemoration, beautification and attraction, as the following review of the year's work will show.

### Disposal of Stock

The closing down of Table Rock House because of war precautions left the Commission with a very large inventory, largely in goods which do not appeal to the average one-day tourist, no longer attractive because of the 48-hour requirement before goods purchased in Canada could be taken over the border duty free. The general manager was instructed to dispose of such goods (blankets, linens, and china ware), en bloc if possible, and he was successful in disposing of the linens and woollens for a satisfactory price. Effort will be made to cut down the inventory of other stock by sale in the Park Restaurant during the season, and at Clifton Gate House throughout the year.

### Fame of Oakes Garden Theatre

The fame of the Oakes Garden Theatre is spreading throughout the United States. One indication of this came in a letter from E. J. Bisiker, British Vice

Consul at Cleveland, (relayed through D. Leo Dolan, head of the Canadian Tourist Bureau at Ottawa), in connection with an invitation to members of Garden Clubs in the vicinity of Cleveland to visit the Niagara Peninsula, Queen Victoria Park and the Oakes Garden Theatre. An itinerary was mapped out for such visitors, to cover the varying floral seasons, giving approximate dates when seasonal floral exhibits would be at their best.

The Commission took over the responsibility of planting the Rainbow Bridge plaza adjacent to the Oakes Garden Theatre, so that this area may be kept in harmony with the general layout of the former.

The Ontario Hydro-Electric Power Commission asked the Niagara Parks Commission to take over for park purposes an area taken over by the former body, this is property adjacent to the Chippawa Creek. The Niagara Parks Commission felt that the work was well within its scope, but that it would be an excellent thing to defer until post-war works were needed.

The general manager was authorized to continue and complete a map covering the whole of the Commission's property on satisfactory scales. The Commission further instructed the general manager to resurvey and plant permanent monuments throughout the whole extension of the Commission's property and make the necessary description and surveyor's notes and to submit reports, every six months, of the work done. The Commission felt that the whole of this material should constitute a document to be deposited in the Registry Office.

## Horticultural Department Report

Chief Gardener John Oakes reported on the year's work in the horticultural department. During the year, it might be noted, he was reelected First Vice President of the Ontario Parks Association at its annual convention at Kitchener. His report for the horticultural department is:

During the months of January, February, and March lectures were given to the boys at the Training School Monday, Wednesday and Friday afternoons on floriculture, vegetable growing, and greenhouse plants and the students were instructed in practical work at the greenhouse. As most of the propagating of plants required for bedding purposes is done at this time, the boys have a splendid opportunity to become familiar with the many different varieties and also to become accustomed to handling tender plants.

Snow shovelling, turning leaf and compost heaps, cleaning up dead branches and dangerous trees from the bank constitutes most of the work for the men during the severe weather.

Grass cutting machinery is overhauled and repaired and cutting units ground. Material for making flats for use in the greenhouse is purchased at this time, the men nailing them together in their spare time.

The flowering bulbs and violas planted in the flower beds in the fall of 1940 made a splendid showing, and the Narcissus King Alfred planted in front of the Pergola in Oakes Garden Theatre with bulbs purchased from British Columbia were much admired. Flowering bulbs were purchased from England and planted in the flower beds in Queen Victoria Park, Queenston Heights, Oakes Garden Theatre and Mather Park. These along with the violas and bulbs saved from previous years planted in the fall should prove an attraction for the spring of 1942.

The flower beds in Queen Victoria Park, Oakes Garden Theatre, Lundy's Lane Cemetery, Queenston Heights Park, and Mather Park were planted with bedding plants propagated at the Greenhouse. This necessitated the propagating and growing of approximately forty thousand plants in pots along with the numerous annuals and perennials propagated and grown for planting in the herbaceous borders and for cut flowers at the greenhouse.

Each year the cost for maintenance for grass cutting varies according to the amount of rainfall. In 1941 the rainfall registered at the greenhouse was 17.24 inches, the lowest in this district for many years, therefore the cost of grass cutting was down with extra maintenance costs for watering. It is interesting to note the change that is taking place in the atmospherical conditions in the vicinity of the Falls. For instance, in 1924 the rainfall was 31.38 inches and remained at this average for the next five years. Since 1929 there has been a steady decrease in the rainfall each year until 1940 when the rainfall reached 30.45 inches. Previous to 1930 there would be one or two days each week when the spray from the Fall would be over the Park, helping to keep the grass green. During the past few years there has been very little spray in the Park. This lack of moisture has necessitated the purchase of more hose and spraying equipment and more time spent on watering than was necessary when the rainfall averaged 30 inches. The following are the rainfall readings taken at the greenhouse from 1924 to 1941.

| | | | |
|---|---|---|---|
| 1924 | 31.38 ins. | 1933 | 22.76 ins. |
| 1925 | 31.61 " | 1934 | 19.12 " |
| 1926 | 33.82 " | 1935 | 23.64 " |
| 1927 | 35.62 " | 1936 | 18.86 " |
| 1928 | 34.77 " | 1937 | 28.79 " |
| 1929 | 29.92 " | 1938 | 28.72 " |
| 1930 | 19.88 " | 1939 | 21.89 " |
| 1931 | 26.82 " | 1940 | 30.45 " |
| 1932 | 21.42 " | 1941 | 17.24 " |

The dahlias grown in the Rose Garden continue to attract visitors and many enthusiasts visit the Garden to make notes of varieties grown with a view to adding them to their own collection. Several new varieties are added each year and varieties that have lost their vigour are discarded.

Maintenance of the grounds in Queen Victoria Park now that the visitors cannot approach Table Rock, presents many new difficulties. Short cuts are taken across the grass which, ultimately becomes a path, and the motorist in his endeavour to get as near to the Falls as possible considers a path a roadway and a short cut over the lawn of little consideration. Each new path made over the lawn detracts from its appearance and tracks made by a car add a little more to the maintenance of the grounds. Whilst every effort is being made to prevent damage it still persists and will continue so long as the war lasts and the park is barricaded.

At the greenhouse the staff is striving to keep a supply of cut flowers and decorative plants for the Park Restaurants and Administration Building. With the constant and ever-growing demand for bedding plants there is very little room left for the growing of cut flowers in the greenhouses themselves. At the present time Cyclamen, Chrysanthemums and a few flowering bulbs are grown as they mature at a time when there is space available. Whilst in the Garden every inch of space is utilized to grown varieties of annuals and perennials suitable for cut bloom. From the time the spring bulbs are in flower to late fall when the Chrysanthemums are in bloom in the greenhouse the Park Restaurant, Queenston Heights Restaurant, and Commissioners' Quarters have been well supplied with cut flowers and decorative plants.

A special display of Chrysanthemums was arranged and exhibited in the Park Restaurant. This was held the first week in November and many people admired the exhibition.

Repair work on the paths constituted the resurfacing of approximately 12,042 sq. ft. of the River Path from the Barricade to a point opposite the Administration Building. Cold Patch and clean ¼ in. Stone Chips were used. The material was hand mixed in the Park Shed Yards and the path given a topdressing of from one to one and a half inches of this mixture.

The very dry season and the large number of visitors who came to visit the Park and to see the Falls, being restricted to the area between the Maid of the Mist and the Barricade they have given the lawn a lot of hard usage and this showed the result of the hard wear early in the fall. Later as the weather became cooler and with the help of a few showers the lawns recuperated considerably and promise to be in good shape for the next season.

## Historic Highways

Commemoration of several of Canada's earlier roads by the National Parks Bureau, Department of Mines and Resources, in co-operation with the Historic Sites and Monuments Board of Canada reveals that Canada's highways are rich in historical association.

The first highway of importance in Canada was the Chambly Road in the Province of Quebec, which was opened in 1665 under the instructions of M. de Courcelle, Governor of New France. It was built by the French to connect Montreal with the chain of forts along the Richelieu River as a defence measure against the Iroquois Indians.

In Ontario the Niagara Portage Road between Queenston and Chippawa was opened by the United Empire Loyalists in 1788. It was the principal route of travel to the Upper Lakes region and served as an important strategic position

Old Fort Erie—restored

Niagara River Parkway, Chippawa, Fort Erie and line of communication during the War of 1812-14 and the Rebellion of 1837-38.

Yonge Street, which leads into Toronto from the north, was planned by Lieutenant-Governor Simcoe in 1793 as a military road and commercial highway between Lakes Ontario and Huron. It was laid out and constructed by the Queen's Rangers in 1794-96, and named in honour of Sir George Yonge, a member of the British Government who later became the Governor of the Cape of Good Hope. Dundas Street (The Governor's Road) was planned by Governor Simcoe in 1793 to promote the settlement of the province. It provided communication between Lake Ontario and the Thames River, and was named after the Honourable Henry Dundas, Secretary of State for War and the Colonies.

The Chain Reserve set aside by Governor Simcoe to allow of military access from Lake Ontario to Lake Erie, passing Niagara Falls, was actually the basis of the Niagara Frontier Parkway now under the Niagara Parks Commission. Because of this reserve, Canadians for all times have retained access to the Niagara River without encroachment from commercial enterprise or private interest save for limited frontages at Niagara-on-the-Lake, Queenston and Fort Erie. Throughout the remainder of the 36-mile length of the Niagara River, the frontage is held for the benefit of Canadians as a whole, a great contrast from the situation which has arisen across the river.

### Rainbow Bridge Opened

Members of the Niagara Parks Commission were guests at the informal opening November 1, 1941 of the Rainbow Bridge, which span takes the place of the Honeymoon Bridge, swept out by the ice January 27, 1938.

It was desired that traffic should be allowed to utilize the bridge as soon as possible, hence the opening took place before completion of the structures at either end of the bridge. Keen interest was taken in the proceedings, which featured addresses by prominent representatives of the United States and Canada. Significantly a rainbow arched the bridge immediately after the ceremony. Hon. T. B. McQuesten, Chairman of the Niagara Falls Bridge Commission and the Niagara Parks Commission and Samuel Johnson, Lockport, N.Y., Vice-Chairman of the Niagara Falls Bridge Commission, were in charge. Bridge Commissioner Ross Harstone headed a committee in charge of arrangements for the opening.

It is hoped that President Franklin Delano Roosevelt for the United States and Prime Minister William Lyon Mackenzie King for Canada will officiate at the formal opening, at present scheduled for June 1942.

The opening of the bridge was just a month before the Japanese attack on Hawaii, which thrust the United States into a war which now rages entirely around the world. This was followed by Japanese seizure of the Malayan Peninsula and the Netherlands East Indies, and Axis attacks by U-boats upon the tankers supplying Canada and the United States from South American fields.

Mention is made of these facts because of the great bearing they will have upon the Niagara Frontier and the work of the Niagara Parks Commission. The capture of the Malayan States cut off the greater part of the world's rubber supply. The sinking of tankers naturally reduced the flow of crude oil and gasoline for Canadian and U.S. motorists and industry especially on the Eastern

Coast. These in turn meant a rationing of tires and gasoline, with indications that there will be a much reduced flow of tourist traffic and use of the Rainbow Bridge in 1942, which, in turn, will have a discouraging effect on the revenue and services of the Niagara Parks Commission. However, all wars come to an end, and after Victory the Niagara Parks Commission looks for the Rainbow Bridge to prove an added tourist attraction and convenience.

Another factor which was brought about by the war and which will also have a deterring effect upon traffic to the Niagara Falls Area was the necessity which arose of conserving the Hydro-electric output for war purposes. To this end. on the Monday following November 1, 1941, the illumination of Niagara Falls, which had been carried on as a joint Canadian-U.S. enterprise for many years through the Illumination Board, was called off, possibly until after the war. Negotiations are still on for a limited illumination for three months when tourist traffic is at its greatest, but at the close of the fiscal year which this report covers, the Falls were in darkness at night, save when moonlight displayed their beauty.

### The Rainbow Bridge

For purposes of record available in the future, it may be well to note some of the most salient facts in connection with the Rainbow Bridge.

The Niagara Falls Bridge Commission was created by reciprocal legislation by the State of New York and the Province of Ontario. The Bridge Commissioners are as follows: Hon. T. B. McQuesten, K.C., Hamilton, Chairman; Samuel M. Johnson, Lockport, New York, Vice-Chairman; Archie J. Haines, Jordan, Ontario; Ross L. Harstone, Hamilton, Ontario; Dr. Norman Leslie, Hamilton, Ontario; W. A. Cannon, Niagara Falls, New York; Fred H. Krull, Niagara Falls, New York; and Ralph Hochstetter, Buffalo, New York. It will be noted that three of the members of the Commission are also members of the Niagara Parks Commission.

The project was financed by proceeds of $4,000,000 in bonds, issued by the Niagara Falls Bridge Commission and purchased by Stranahan, Harris and Company, Inc., 115 Broadway, New York, N.Y. Bonds are to be paid from revenue of the Rainbow Bridge and are due January 1, 1970. When bonds have been paid, the bridge becomes the property of the State of New York and the Province of Ontario.

### Location of Span

The Rainbow Bridge crosses the Niagara Gorge about 210 feet above the level of the Niagara River, at a point about 400 feet north (downstream) from the site of the Falls View Bridge which was destroyed by an ice jam on January 27, 1938. The Niagara Falls Bridge Commission acquired franchises and other rights at this location from the Falls View Bridge owners.

The bridge is located about 600 feet below the American Falls and a full unobstructed view is afforded of both falls and the river from any point on the pedestrian lane (popularly christened "Honeymoon Promenade") or the four traffic lanes. There is no superstructure above the deck level other than low protective railings. Deck is about 28 feet higher than that of the old Falls View Bridge.

Abutments on which bridge rests are about 50 feet above the river level and set about the same distance back which is high above any such threat of river or ice as destroyed the Falls View Bridge.

Oakes Garden Theatre, one of the most famous formal gardens of the world, and one of the many colorful garden sites of the Niagara Park system (under jurisdiction of the Niagara Parks Commission) is extended to merge with the bridge plaza and its buildings thus bringing these beautiful gardens almost onto the bridge. Provisions have been made for planting of flowers and trees on the approaching ramps of the bridge on both the Canadian and American sides.

The American plaza is a centerpiece in the fine parked area adjacent to the falls and river under the jurisdiction of the Niagara Frontier Parks Commission and will be equally well landscaped making this one of the most beautifully located bridges of the world—literally set into a garland of beautiful landscaping and floral displays with one of the world's most spectacular wonders as a backdrop.

## Plaza Buildings

The buildings on the American plaza, in two sweeping reverse arcs, are of modern neo-classic design, faced with stone with excellently executed modern interior decorations of tile and pastel coloured walls. This unit houses bridge executives and toll collectors, customs and immigration officers, and public health examining physician.

Buildings on the Canadian plaza are faced with limestone harmonizing with stonework of the Niagara Parks System which extends along the full length of the Niagara River shore from Fort Erie at Lake Erie to Fort George at Lake Ontario. In addition to housing general offices of Niagara Falls Bridge Commission, toll collectors, customs, immigration and public health officers, the Canadian plaza buildings also include a union bus terminal of modern design and a group of stores to be occupied by businesses catering to tourists and the general public.

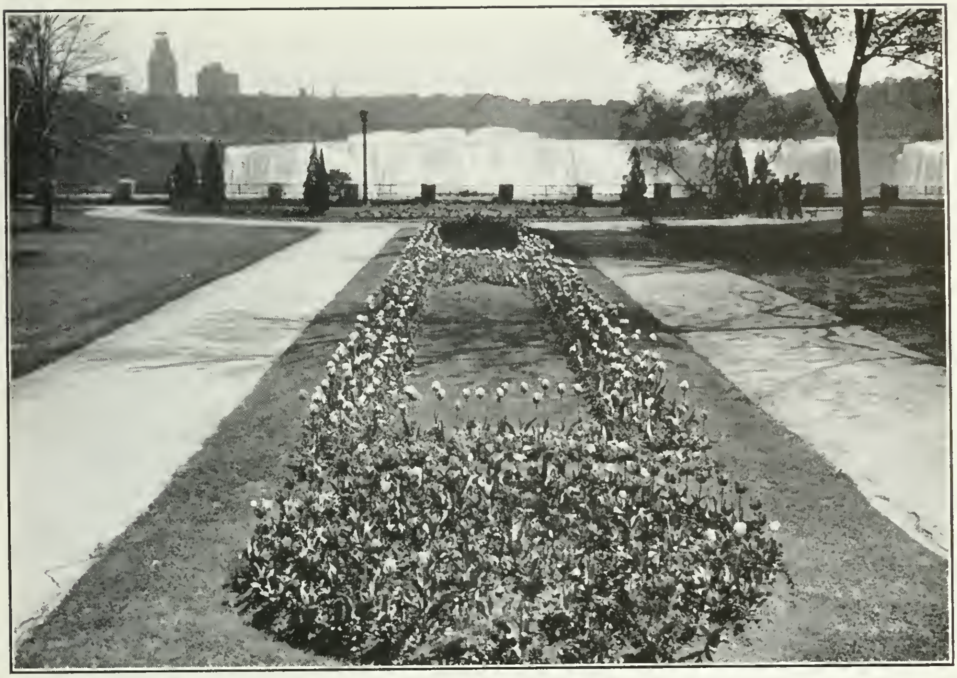
The first bridge across Niagara Gorge was erected in 1868 and was known as "Upper Suspension Bridge." It was ten feet wide and carried pedestrian and horse drawn vehicular traffic but was too narrow to allow traffic in both directions simultaneously. It was destroyed by a high wind in January 1889, rebuilt and reopened in May 1889 and remained in use until 1898 when it was replaced by the Falls View Bridge, predecessor to the Rainbow Bridge.

The Rainbow Bridge answers general demand for crossing near Niagara Falls to serve heavy traffic between the two countries. More than 70% of all entry to Canada is through the province of Ontario and more than 50% of this is via the Niagara peninsula.

## Queen Elizabeth Way

A direct spur is provided from the Canadian approach to Queen Elizabeth Way, modern four-lane express highway, with modern cloverleaf junctions, crossroads and underpasses, which runs from Fort Erie to Toronto, 135 miles and connects with all important roads to the interior of Ontario and other parts of Canada. The spur from the bridge avoids local traffic allowing quick passage to this new, fast route.

Type of construction of the Rainbow Bridge, a graceful arch with simple upright substantiating lines supporting a deck almost level, eliminates all superstructure other than low protective railings. In full view are the American and Canadian cataracts, faces of the gorge through which the river is forced at about 35 miles per hour and the famous landscaped parks on either shore.



View of American Falls from Administration Building

Training School for Apprentice Gardeners

The arch has a span of 940 feet and is made up of 24 sections 12 feet deep, weighing from 49 to 75 tons each. A final section, or keystone, 11 inches wide and 12 feet deep, was set into position to complete the arch and fitted to 1-100th of an inch. When the latter was set in place the arch became self-supporting on its concrete abutments set into the face of the gorge on each bank. Cables were then removed and steel members from the arch to the deck were set in place.

About 3,500 tons of steel were used in the arch and an additional 2,200 tons were used in the deck and supporting columns. The joint between the arch and abutments by 32 anchor bolts set in the abutments. The deck of the bridge is 1,450 feet long with two twenty-two foot roadways divided by a three-foot central mall.

The bridge site was dedicated by Their Majesties King George VI and Queen Elizabeth when they visited Niagara Falls in 1939 and so marked by a monument. Ground was broken for the bridge on May 16, 1940 and the first steel was placed in position on February 17, 1941.

The Rainbow Bridge is said to be the longest hingeless arch bridge in the world.

### Reminiscences of Old Niagara

Niagara Falls, as the most accessible of North America's natural wonders, receives untold quantities of priceless publicity, by the press and the radio. It may be a passing reference in a radio comedian's jokes to honeymooning at Niagara, it may be a recalling of exploits—forbidden for the most part but carried out to a high public interest—or it may come through an announcement of the diversion of more water to raise the power output so that the demands of Mars for war equipment can be made. All these bring radio or newspaper comment, and all of them direct public attention to the Niagara frontier and its significance.

This has been particularly the case during the past year. Thus much newspaper publicity was given to the announcement that a conference was held at Niagara Falls, Ont., of representatives of the Canadian and United States Governments and power company executives, lasting several days, for steps which would bring the maximum water levels to the power plants to increase power output to meet defense demands and (incidentally to them but of especial interest to the Niagara Parks Commission) to preserve the beauty of the Falls by spreading of the waters of the Niagara River to lessen the amount of flow over the central portion and to divert it across the edges where the tendency is for the bare rock to show.

A joint remedial plan drawn in 1929 to control this flow of water, was the basic ground of the conferences, which resulted successfully, decision being unanimously reached in favour of construction of a submerged breakwater type obstruction weir just north of Chippawa. Those attending the conference were led by C. S. Cline, representing the Ontario Hydro-Electric Power Commission; Major George R. Goethals, United States Army Engineer, Buffalo District, and Col. Wm. Kelly, Vice-President of the Niagara Falls Power Co., whose plant needed the additional power.

The plan thus approved was later submitted to the Niagara Parks Commission, and permission requested and granted to utilize the Niagara boulevard for access to the works as needed. Construction will take an eight months' period.

The latest diversion will mean 60,000 additional horsepower for the Ontario Hydro-Electric Power Commission, through an extra 6,000 cubic feet per second water diversion, while the United States will benefit by 7,500 extra cubic feet per second, or 75,000 horsepower. The greater amount for the U.S. is accounted for by the fact that Canada was nearer complete utilization of the previous available flow. It was conceded that it would mean a better maximum output for all 24 hours of the day, a vital point, since most munitions plants are working "around the clock", and defense plants on both sides of the border would benefit.

Crossings of the Niagara River by other than means of public access have always attracted much attention. They have not taken place in recent years, as authorities on both sides of the river are strongly against chance-taking in spectacular but risky adventures. Hence reference to past event of the kind.

A dispatch from Owen Sound, Ont., dated July 29, 1941, revived public interest in past event. The dispatch read:

Owen Sound, July 29—Cliff Calverley, who claims he is the only man to have walked the Niagara Falls gorge on a tight rope has returned from Sarasota, Florida, to his birthplace at Clarksburg on a visit.

Alert, and as wiry as a man 40 years his junior, able to kick a hat from the head of a six-foot man, the 73-year-old Canadian said: "If my health permits, look out for October 12, 1942, when I'll cross the gorge again, just as I did 49 years ago. It isn't courage; but a gift of confidence galore that makes this possible. I suppose once I get on that tight wire again, I won't be able to resist doing a few stunts just for the fun of it."

Calverley, a 17-year-old boy, was at work on his first job in a galvanized iron shop in Toronto, when he petrified his employer and fellow workers by scaling a perpendicular church wall, to swing across to an adjoining roof in order to fasten a rope and enable workmen to install a ventilator.

Attracted by the young man's feat, the late J. I. Connor, supershowman of amusements at Hanlan's Point, offered to pay him $10 to work for him.

"I thought he meant $10 a week," recalled the white-haired wire walker, "until he explained he was offering me $10 for each ascension. Two ascensions a day, six days a week spelled $120 and money to a boy fresh from a little village up in Grey county."

On Oct. 12, 1892, the 400th anniversary of the discovery of America by Columbus, at 3 p.m., Calverley, backed by his supporters, among them the late Ned Hanlan, started across the steel cable before a silent crowd of 2,000. He crossed over the 930-foot stretch in six minutes, eight seconds.

The revival of the Calverley claims brought out the following in the column of J. V. McAree in the Toronto Globe and Mail, under the heading—

## Gorge Was Background for Many Fames

by J. V. McAree

Several readers have come forward with information concerning men who have faced death at Niagara Falls, either to walk across the Gorge on a rope or wire, swim the Whirlpool Rapids, or go over the Falls in a barrel. Blondin was the first to perform the walking miracle in 1865, carrying a man seated on a chair strapped to his back. Then came John Dixon a Toronto photographer. A reader tells us over the telephone that he was aboard the Cibola, a lake steamer, in the late summer of 1892, and recalls a dispute between Dixon and the purser, who wished to collect full fare, or perhaps wanted the round trip paid for in advance. Mr. Dixon declined on the ground that he was about to do something which would tend to further popularize Niagara Falls and thus increase the steamer's revenue.

### Did It More Than Once

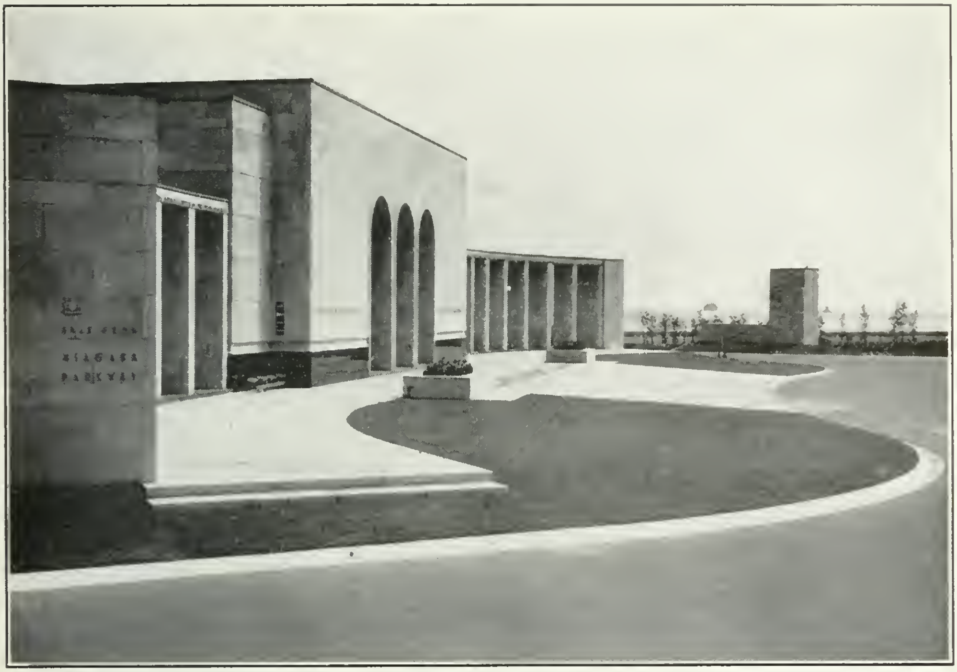
A niece of John—usually called Jack—Dixon writes: "He walked the tight wire over Niagara Gorge more than once. He also performed similar stunts at Hanlan's Point and elsewhere many times, and I believe went so far as to take a small stove and chair with him and pretend to cook his meal while balancing. He was a prominent photographer at King and Yonge Streets, a friend of Edward Hanlan, John Scholes and other sportsmen of his day. His brother, Jim Dixon, who passed away a few years ago, was also a Yonge Street photographer for many years. John Dixon had a great career ahead of him, but is was cut short by a drowning accident in the Muskoka district. After a day's hunting he plunged into the lake for a swim while over-heated and never came up again until his body was recovered by Jim, his brother, after many days of grappling. He left a widow and two daughters, Ettie and Ella. His widow passed on only a few years ago.". . . Several readers, among them A. T. W., J. P. Farrall, H. D. Tresidder and Fred Pursel, Simcoe, have provided information about Clifford Calverley, who walked across the Gorge in October, 1892. Mr. Pursel's authority, The Billboard, says he was born in Toronto in 1875, but others say he was a native of Thornbury, while A. T. W. says Clarksburg. We shall accept Thornbury provisionally.

### Calverley Was King

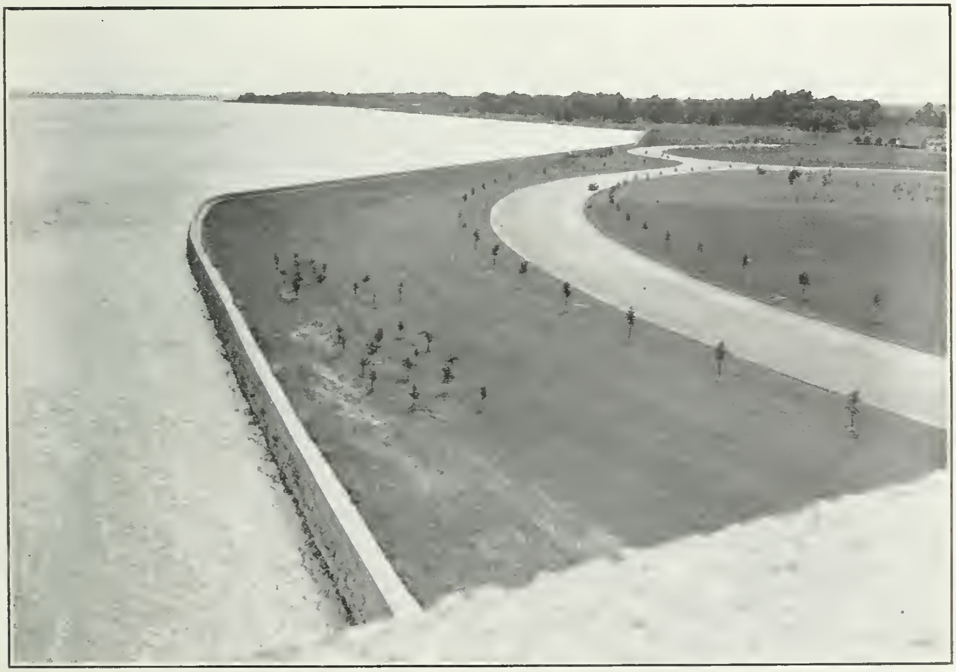
Mr. Farrall says: "Never in the history of high wire performance has any man, living or dead, duplicated the thrilling feats of my friend, Clifford M. Calverley. It might be of interest to your readers to know that Blondin crossed the Gorge walking a three-inch rope when he carried his passenger, and required thirty-nine minutes to make the crossing. Clifford M. Calverley crossed the Gorge on a three-quarter-inch wire cable in exactly six minutes. Calverley is the only high wire performer, living or dead, who ever crossed the Gorge on a three-quarter-inch wire cable at night with the oil-burning headlight of a Michigan Central train furnishing him with light for his starting point. My esteemed friend Calverley was given up as having fallen after forty minutes in the pitch darkness, but reached the American side safely . . . . . He is now president of the First National Bank of Sarasota, Florida. In early days he was a roofer in Toronto." . . . . .

### Fell 80 Feet, Hurt Ankle

A.T.W. says that Calverley came from "the picturesque Beaver Valley, where the famous Northern Spys are grown. He was a good-looking youth, well built and graceful in his movements, modest in manner and of a fine disposition. Today, barring a few gray hairs and a little extra weight, he is unchanged, straight as an arrow, keen of eye and, as ever, immaculately dressed. He usually comes up in the summer to visit his old home. About 1894 I remember his giving the Clarksburg people an indoor exhibition of his uncanny powers of equilibrium,


NIAGARA
PARKWAY

Mather Park Gate



General View of Mather Park, Fort Erie

which well nigh scared the souls out of them and sent prominent burghers, after the show, to the nearest pub to fortify their shaken nerves. While erecting his wire for a performance in New Jersey some boys began playing tag around the guy wires and he fell over eighty feet, but escaped with a damaged ankle. Later on he prospered as a hotelkeeper and eventually retired." . . . We have a dim memory as a boy seeing a wire strung between two trees in the Don Valley, near Rosedale, upon which Calverley was said to practice . . . . H. D. Tresidder says that as a boy Calverley used to scare the wits out of his mother by giving performances on the wire she used to hang out her washing. He travelled about the fall fairs for some years before he made the Gorge crossing.

### Another High-Wire King

But, according to Ronald P. Field, there was a greater even than Calverley. This was James E. Hardy, born and raised in Toronto and known everywhere as "The American Blondin." He writes: "Mr. Hardy crossed the Niagara Gorge in 1896 when he was 21. His next great feat was when he crossed the Genessee Gorge at Rochester. Still another great performance was given when he crossed the Montmorency Falls in Quebec. This time the wire was stretched right across the brink of the falls. Mr. Hardy started his career in Toronto while a member of the old West End Y, and after showing in all the principal cities of the world, played his final date at Sunnyside Beach in August, 1934. He died in Toronto in May, 1939 . . . . His widow and daughter still live in Toronto, while a son lives in Fort Erie, and another in Brantford."

Occasionally reference is made in one of the new books published to features of Niagara Falls or to some of the old spectacular occurrences. "A Bookman's Holiday", by Vincent Starrett, (Random House, New York), reviewed in the New York Times, March 15, 1942, contains the following reference by the reviewer:

> The book flows on like good talk, always changing and always interesting. A battered ten-cent pamphlet by Harry Colcord touched off a lively, alluring account of the exciting mountebank, Blondin, who crossed the chasm of Niagara Falls on a tight rope, first alone and later with Colcord on his back. When the passenger, looking down into the 1,100-foot drop below him, gave an involuntary shudder, Blondin is said to have remarked, "I must request you to set quiet; or I will have to put you down."

## MACKENZIE PRESS RECALLED

On March 9, 1942, the death took place at his home at Forest, Ont., of Henry John Pettypiece, publisher of the Forest Free Press, in his 87th year, after an invalidism lasting for six years. His death recalled that to him was due the preservation of the press of William Lyon Mackenzie, now given a place of honour in the William Lyon Mackenzie reconstructed home at Queenston, now a public museum. The death of Mr. Pettypiece brought forth the following editorial reference in the Toronto Globe and Mail:

> **Owned Mackenzie's Handpress**
>
> The death of Mr. J. H. Pettypiece, publisher of the Forest Free Press since 1888, removes another of the country's veteran newspapermen. He was 86 years of age. In addition to his newspaper activities, Mr. Pettypiece was from 1898 to 1905 Liberal member of the Ontario Legislature for East Lambton; and he was well known throughout the province.
>
> The death of this octogenarian publisher revives older associations of the newspaper business. It is recalled that at one time Mr. Pettypiece owned the old handpress used by William Lyon Mackenzie, and now cared for by the Niagara Parks Commission. After its rescue from Toronto Bay, into which it was dumped by the

"patriots" in 1826, it was used again by Mackenzie during the period leading up to the trouble of 1837.

Then the old press found its way to the Parkhill Gazette. Fire in this plant took additional toll of the handpress' usefulness, and it reposed for some time on a local scrapheap.

More than sixty years ago Mr. Pettypiece located and repaired the press, and until its acquisition by the Parks Commission it was in use as part of the mechanical equipment of the Forest Free Press.

Thus runs the story of an ancient and historic piece of printing machinery; and during its earlier days every newspaper in the country had at least one press like it. A feature of the old-style handpress was the simplicity of its mechanism; also the fact that only fire or water damage could impair its usefulness.

### Mackenzie Hand Press

To the Editor of The Globe and Mail: (March 19, 1941)

I feel it my duty (since Mr. Pettypiece is no longer here to substantiate his story) to say a few words in reply to the letter of Dr. James J. Talman, which appeared in your issue of March 14, in reference to the claim of Mr. Pettypiece re the old Mackenzie printing press.

I perhaps know more about this press than any one living today, having been employed on the staff of the Forest Free Press for several years prior to 1890. This machine—a Washington hand press—was in constant use when I went to the Free Press from the St. Thomas Times in 1882, and was still in use when I left Mr. Pettypiece's employ in 1890 to go into business on my own account.

I operated this press, which was used for printing posters, during all these years, and I often heard Mr. Pettypiece refer to the old machine as the press fished out of Toronto Bay and formerly owned by Mackenzie. The press had been broken, and repaired by a blacksmith by the use of a large wrought iron clevis, a bar and two heavy bolts, one through either end of the bar.

I never had any reason to doubt Mr. Pettypiece's story and thoroughly believe he was conscientious about the matter. I am glad to be able to substantiate this bit of Canadian history and hope it will set at rest any further doubts in regard to its authenticity.

Norwood, Ontario. J. George Keefer.

Another link of the times of Mackenzie with the Niagara Frontier was told of in a despatch from Fort Erie under date of March 8, in the Toronto Globe and Mail. It read:

> A drive-shed which has stood on the Stockdale property at Pleasant Point, on the Niagara Boulevard, for the past 150 years is being moved from the site, having been purchased by a Bertie dairy for milk storage.
>
> It was in this building that William Lyon Mackenzie changed into a woman's dress, given him by Mrs. Samuel MacAfee, and entered a rowboat with David Douchman, a hired man, to be rowed to Buffalo, while Mrs. MacAfee and her two daughters engaged in conversation several troopers, commanded by Colonel James Kerby, who were seeking him at the time.
>
> The structure is strongly built of virgin oak, and is in excellent state of preservation. It was here also that General O'Neil stabled his horse in 1866 during the Fenian Raid. Right behind it still stands a small grove of elm trees, believed to be about 200 years old.
>
> It was here that the late Grover Cleveland, former President of the United States, rested after a fishing trip to this side of the border. Right where the building has stood for years was the site of a battery erected on Pleasant point by General Brock in the War of 1812.

### CHANGE OF MANAGERS

An outstanding personnel change made during the year was that of the secretary to and the general manager of the Niagara Parks Commission. Since reorganization of the Commission in August, 1934, the posts had been held by C. Ellison Kaumeyer. He had been named to act as a member of the Canadian four of the Niagara Falls Bridge Commission, headed by Hon. T. B. McQuesten, chairman of the Niagara Parks Commission and Minister of Highways for Ontario. His services in this regard and as general manager of the Niagara Parks Commission, so impressed the U.S. members of the Niagara Falls Bridge

Commission that they invited him to become general manager of the Rainbow Bridge, an offer which he accepted, with a ten-year contract attached.

His resignation was regretfully accepted by the Niagara Parks Commission members of which individually subscribed for the purchase of an engraved Sheffield Reproduction tray, suitably inscribed. The presentation of the tray was made by the Commissioners at the annual staff banquet, at which members of the staff also presented him with two splendid oil paintings, as a token of their regret at his severance of the ties with the Niagara Parks Commission.

At a special meeting, held at the home of Commissioner Donald McGillivray, Port Colborne, owing to the state of his health, the appointment of general manager was made, the choice of the Commission being Maxim T. Gray, O.L.S., Fort Erie, who was then a partner of the engineering firm of Hagey and Gray, consulting engineers of Fort Erie since 1927. At a later meeting he was named secretary to the Commission and a member of the Illumination Board, in place of C. Ellison Kaumeyer.

Miss Mary Stuckey presented her resignation as secretary to the general manager, continuing in that post with Mr. Kaumeyer in his new position with the Rainbow Bridge. Mrs. E. W. Ruch was named secretary to the general manager. Miss Stuckey's services had been greatly valued by the Commission and regret was expressed that she was severing the connection which had lasted since January 1, 1929, nearly 13 years, but the Commission wished her equal success in her new post with the same head to work for. As the change came before Miss Stuckey had an opportunity to take her vacation, she was granted a month's pay.

## Docks on the Niagara Parkway

The Commission during the year outlined a policy for movable docks for use by those in residence along the Niagara Parkway, a policy fundamentally based on the fact that ice jams in the winter or spring months usually play hob with piling inserted for more or less permanent docks, few of which can be erected without consent of the Commission, these few being of property owners who have riparian rights.

The Commission's view is that licenses for use of movable docks should be for public use, paid yearly in advance by any private applicant at the minimum of $50 a year, the understanding being that in any event the dock is to be removed by the Commission in the fall of each year. The Commission also retains the right to grant or refuse especially with regard to the distance these docks are to be placed apart. A special agreement prepared by the Commission is being worked out.

It was further agreed that these docks are to be removed by the first of December of each year, and not to be replaced the following spring until the money for that year is paid in advance, the licenses in no case to be for longer than a year. The dock in each case is to be for public use with no private or vested interest to the licensee save that which he might derive from handiness of access because of its location.

## Crossing of the Niagara Parkway

The Commission has long dealt individually with requests for permits for crossing of the Niagara Parkway by water lines from the river to property abutting the Niagara Parks Commission property. During the year it was decided to set up a standard form of permit including an indemnification clause against damages and a clause giving the Commission authority to remove such water lines at the pleasure of the Commission, such permits in each case to receive the approval of the Commission before being effective.

The permit as drafted made provision for all crossings of the parkway, inclusive of drains, discharge pipes, septic tanks and wires, as well as water services. The only charge will be $5 per permit, with no annual charge.

Several applications for access roads to properties along the Niagara Parkway between Chippawa and Fort Erie were received. The question was referred to a special committee composed of Commissioners Dr. George B. Snyder, Vice-Chairman, Hon. W. L. Houck, and Arthur T. Whitaker. Their recommendations were not received in the 1941–42 fiscal year, but the matter will be given early consideration. The question is one requiring a permanent policy, as direct access in each case to the parkway would mean a danger of traffic accidents, and the homes where access highways are desired are often not close enough together to justify a special service road.

The C.N.R. was given permission (subject to cancellation on three months' notice) to connect with the water main from the Niagara Falls City Line to carry water to its car barns and shops as material was scarce for a line all the way from the city line. The C.N.R. will pay the City of Niagara Falls direct for the water used.

### Change of Traffic Direction

The Ontario Department of Highways was requested to change the direction of traffic at the stop sign on No. 8 highway with its junction with the Niagara Parkway below Queenston Heights and up the Hill from Queenston Village, rather than the reverse, as traffic conditions at times make it difficult for cars to come to a halt, whereas on No. 8 the highway at this point is comparatively level.

The Lewiston-Queenston Rotary Club was given authority to erect a sign at this junction.

### The International Railway Company Harvest

The apparently never-ending case of the International Railway Company against the Niagara Parks Commission made its appearance during the fiscal year. The Commission's legal representatives in this action over the abandonment of the trackage of the company on the Canadian side (the Gorge Route) notified the Commission in April, 1942, that the International Railway Company had won its appeal to the British Privy Council (the law committee of the House of Lords). Payment of the judgment was authorized perforce.

The judgment was for $300,000 interest on the amount of the award originally made by the Privy Council after Canadian arbitrators and Canadian Appeal courts had found that the total award should be but $167,000.

The effects of the awards in this case have been to cripple the Commission very severely so far as capital expenditure is concerned. Coupled with decreasing revenue because of war conditions—barring of access to the Table Rock House, closed down completely, with its revenue producing tunnel visits and sales of English and Canadian goods to the amount of $450,000 a year, and the limited access to the Park Restaurant—it meant curtailment of plans for expansion and instead devotion of much greater revenue to the payment of principal and interest upon the debt thus incurred.

### Apprentice Gardeners' School

At the Apprentice Gardeners' School of the Niagara Parks Commission, work, scholastic and practical, has been carried out under the direction of Mr. K. M. Broman, chief of arboriculture, but under very difficult conditions. The appeal of Canada's armed forces has been so heeded that at no time has the apprentices' course had a full membership. Where the boys were in their third year, and their scholastic record warranted, they were given their diplomas. Where they enlisted before this could be done, they received a $50 grant each, as did those who won their diplomas, in recognition of their volunteering for active service at any point needed in the defense of Canada, whether overseas or at home.

The School was established on Saturday, July 26, 1936, just five and a half years before the termination of the fiscal year which this report covers. It was the "brain child" of the chairman, Hon. T. B. McQuesten who, in his park experience at Hamilton, came to a realization that the majority of gardeners and park workers were from the Old Land, where they had received a thorough training. These were getting old, and it would be but a short time, he realized, before there would be no more such available unless there was a decided change in migration from the Old Land or unless Canadian boys were trained in this work. At that time, the former seemed out of the question, no matter what the prospects may appear to be at this time. Consequently he devised the set-up for a school on British lines, within the purview of the Niagara Parks Commission, a school where the boys would remain for a three-year period, putting in eight hours a day in season, in practical work, and taking theory in lecture classes at other times available. In the winter time, when open air work was largely shut off because of climatic conditions, and all could not be usefully employed in indoor work or within the range of greenhouses, more attention was paid to the theoretical end.

There was no such institution in Canada or the United States, though courses in floriculture and horticulture were available in many college institutions, and in Los Angeles special night classes were held for High School students who turned their eyes towards public service in parks or national forests and such work. But a boarding school with full-time employment in practical work and theory only as a a sideline, was a new idea in Canada or the United States.

However, the five years that have elapsed have shown that the Chairman's idea was practical and workable, and its radically different methods of instruction have won much favourable comment from educationists on both sides of the border. Any survey of its work during the past five years would show that such approval was well merited. Graduates of the school have fitted excellently into the permanent staff of the Niagara Parks Commission and, where they have entered private enterprises, have won a place. No graduate is a "desk chair" worker, but is able to take complete charge of landscape work with a thorough grounding in the practical side. The site of what was once a rough farm, on coarse undrained soil, not too high in nutritive qualities, contrasted with the level area now visible with its iris, rose and perennial gardens, the excellent vegetable garden, the nursery section, and other developments which have been brought into being by the lads themselves, from quite a number of Ontario cities and towns, is very striking, winning commendation from all who have visited the School and its grounds.

During the year a new rose garden with central fountain was laid out, and plans have been made for two more access roads which will enable visitors to make a complete circle of the grounds, at present reached only through the main entrance off the parkway just north of the Niagara Glen Inn. The closing of the through road because of the presence on it of the Queenston powerhouse has cut down the number of visitors, since it is necessary to mark the roadway at Niagara Glen with a sign that there is no through passage because of war conditions and many who would be motoring to Queenston have to take the back road to get to that sector.

Members of the school who enlisted during the year were:

George Dalby, R.C.A.F.
Needham Throop, R.C.A.F.
Gordon McNair, R.C.A.F.
R. J. Donaldson, R.C.A.F.
Jack Benner, R.C.A.F.
William Rundle, R.C.A.F.
Len Joylyn, R.C.A.F.
Leonard Riley, R.C.A.F. (a former apprentice gardener on the permanent staff afterwards).
James Waters, R.C.A.F. (a former apprentice who went to Kew Gardens under an exchange of students arrangement).

To each apprentice gardener on enlistment, the chairman, Hon. T. B. McQuesten, sent a letter of congratulation.

Replacements were not made where apprentices enlisted save where the enlistees were of the first year class, this because it would be impossible to provide boys able to step into the second and third year classes.

Christmas remembrances were also sent by the Commission to members of its staff who were on active service.

The Commission adopted a policy with regard to enlistment of members of the permanent staff similar to that adopted by the Province; payment of a month's salary and a guarantee of the job which they gave up to enlist in the King's uniform.

Superintendent of Arboriculture K. M. Broman reported in detail on the Training School for Apprentice Gardeners for the period of January 1, 1941 to December 31, 1941, excerpts from which are as follows:

> The Second Year apprentices attended lectures three and one-half days a week and had three evening lectures. The other two days of each week during January, February and part of March they spent at the Park Greenhouses. The First Year did not have any daytime lectures but they had two evening lectures and went to the Greenhouses three days a week, and they carried on such practical work at the School as making cuttings, cleaning seeds and pruning trees.
>
> **Practical Work**
>
> Thousands of cuttings of dogwood, forsythia, poplars, willows, and many other kinds of trees and shrubs which are more difficult to propagate, were made by the students during January, February, and March.

During February a new drainage ditch to carry the waste-water away from the Residence and draining the land was started. However, this very necessary job has not been finished and it is very important that we complete this drain in the spring or summer of 1942.

Out new poultry incubator and brooder arrived Tuesday afternoon, March 18, 1941, and these were first assembled and tested before operating at full capacity. The incubator was set twice, and first time being March 20th when 250 eggs were set. Altogether we raised 200 small chicks, of which approximately 100 were cockerels. We feel that this has made a great reduction in the initial cost of boarding the apprentices at the School, as the young roosters are used on the table and the pullets supply us with fresh eggs.

During May the following trees and shrubs were sent to be planted on Hog Island at Chippawa; 100 caraganas, 100 poplars, 100 lilacs, 200 cornus, and 100 forsythia. This will do much to beautify the island.

In May, approximately 700 small hardy chrysanthemum plants were sent to Fort George to brighten up the fall landscape. A similar number of chrysanthemum plants were taken to Mather Park at Fort Erie.

During the summer the students were given considerable practice in the correct trimming of many different kinds and types of hedges throughout the Parks System.

Monday, December 1, a start was made in transferring all the stock of the original South Side of the Glen Nursery, which was dug this fall, to the Hydro Property, to the west and beneath the Hydro Towers. This work lasted several days, as it was necessary to haul the trees and shrubs in the manure-spreader, and then after we had finished the south side, all the trees and shrubs from one section of the north side were removed to this same location, in order that we might plant another vista where this nursery stock had formerly stood.

### Student Activities

To foster school spirit a skating-party was held on Monday evening February 3. Music accompanied the skating and an enjoyable time was spent by all. Mr. Kaumeyer, the General Manager, came down and enjoyed the skating, and altogether, thirty guests enjoyed a very pleasant evening.

On Wednesday evening, April 9, the students held an Easter Dance and some of the graduates were able to attend this function, thus bringing added social entertainment to the School. The students enjoyed an Easter holiday from Thursday noon, April 10, to Wednesday evening, April 16.

Interested visitors to the Training School on Sunday, May 18, were Senator and Mrs. Pepper of Florida, Honourable Mr. Hepburn, Premier of Ontario, Honourable Mr. McQuesten, Honourable W. L. Houck, and Commissioner A. T. Whitaker. Although this is not strictly a students' activity, yet it seems to fit in well here.

The students, along with all the other Park employees, were invited to attend a banquet given by the Niagara Parks Commission in honour of the retiring General Manager, Mr. C. Ellison Kaumeyer, and to meet the new General Manager, Mr. Maxim T. Gray. A very delicious meal was served. Though it was with regret that Mr. Kaumeyer's long and useful term in office had come to an end, we all wished him success in his new work. After the banquet, we were all given the opportunity of meeting and talking with the new General Manager, Mr. Gray.

Wednesday afternoon, July 23, all the apprentices were taken to Empire Beach, Lake Erie, to enjoy a refreshing swim. They were promised this outing during a very hot spell and enjoyed it very much. A picnic lunch was taken and they spent most of the afternoon in the water, or on the beach playing games, and ate their lunch in the shade, about 5:00 p.m., returning to the School later on in the evening.

During the afternoon of Tuesday, August 12, the students visited the Vineland Experimental Station and were shown around the grounds and very hospitably treated. They were very interested in the many acres of fruit trees and small bush fruits which have been set out.

All the students were taken to the Canadian National Exhibition, in a chartered bus, on Wednesday, August 27, and they left the Exhibition Grounds at 11:45 p.m., after a pleasant and educational day had been spent.

On Saturday, November 15, the students were taken to Toronto University to inspect the Biology Department. They all profited by this very educational trip.

This winter it was decided to foster school spirit and at the same time create an interest in athletics. Hence the rink was flooded for them and each student was urged to have a stiff workout on the rink from 7:45 a.m.—8:15 a.m., playing hockey with the sticks the Commission very kindly puchased for them last February. Each morning when the ice is good they enjoy this exercise. Work starts at 8:30 a.m. on the days when they can make use of their rink, and when the weather is unfavourable, the work-day commences at 8.00 a.m.

During the past year, approximately 600 new specimens illustrative of the flora of the Niagara Parks System have been added to the School Herbarium. The students are assisting in this work by making a collection of at least 100 specimens of the flora of this locality.

A chart-making project has been undertaken by the students. The best charts have been hung in the Lecture Hall which has done much to make the interior of this building more attractive.

A new process for mounting specimens in natural colour has been developed. At present, there are approximately 200 of them on display in the Lecture Hall. As it is possible to preserve the effects of insects and other plant parasites and make clear variations in plant form, these specimens are invaluable for teaching purposes and are a great source of interest to visitors at the School.

In response to numerous requests from both Canada and the United States for information on the Niagara Parks Commission Training School for Apprentice Gardeners, Messrs. K. M. Broman and G. Hamilton prepared, and had published in "The School", an article which accurately set forth the aims and organization of this institution. Reprints of this article in pamphlet form have proven of great value for this purpose.

Twenty-eight local medicinal plants and thirty herbs grown from seed have been planted in the herb garden which was laid out at the rear of the Lecture Hall.

### New Projects

Tuesday, May 13, the chrysanthemum plants in the original border, to the south of the peony border along the Parkway, were divided by the Second Year Apprentices and planted in rows in between the rows of lilacs, opposite the Glen Restaurant. This fall the very beautiful display, of thousands of chrysanthemum flowers in all different colours and blends, lasted until mid-November and delighted many hundreds of tourists and flower-lovers.

During July the stone-masons, assisted by the apprentice gardeners, started work on the old fountain from Table Rock placing it in the central axis of the new Rose Garden site. The fountain was completed within a short time, and now it may be seen from all over the grounds by means of long vistas, and when one is a great distance from its site, either away to the north or south, its red colour makes it very attractive.

In the fall a new sod-cutter was purchased for work at the Glen Nursery and on Saturday, November 1, the same day the New Rainbow Bridge was first opened it was used for the first time and seemed to be very satisfactory.

On Thursday, November 6, sodding of the paths in the new Rose Garden was commenced and work progressed well in favourable weather until it was impossible to cut any more because of frost. At present the Rose Garden site is beginning to take shape and by June, 1942, it should be a great attraction.

A sort of greenhouse was constructed during the first part of October adjacent to the north side of the Residence and in this house, which is about 250′ long, lettuce was transplanted, also celery and annual flowers from outside. The annuals lived till about Christmas time, and then the temperature fell below 0° C., and they were frozen and died. On the other hand if they had not been moved into this greenhouse they would have been killed with the first severe frost in the autumn.

### Experimental Work

During the week of August 25th, the students practiced budding red horse-chestnuts on the white variety, which is planted on either side of the driveway into the School. This was rather a difficult task as the weather was inclement this season and there was little rain. As a result the bark of the trees did not peel back very easily and it was difficult to set the buds firmly in place.

Many hundreds of hybrid tea and hybrid perpetual rose cuttings were made and placed in sand last November, and the cuttings which root will be cultivated and cared for, and will eventually be planted in a section of the new Rose Garden.

### Many Students are Now In The War Services

Richard Brown, a graduate who started at the School in November, 1937, left to join the War Services on August 13, 1941, after working one season as a foreman, in charge of tree-planting on the Queen Elizabeth Way from Stamford to Homer.

Apprentices George Dalby and Needham Throop, who started at the School, October 1, 1940, joined the Royal Canadian Air Force in August, leaving the School on August 23.

Apprentice Robert Donaldson, who enrolled at the Training School on October 2, 1939, left the School to join the R.C.A.F. on September 5, 1941.

Apprentice Gordon McNair left the Training School, September 8, 1941. He had enrolled at the School on October 2, 1939.

Apprentice Jack Benner, another student who enrolled at the School on October 2, 1939, left the School September 15 to enroll at the Galt School for Aero Mechanics to prepare for the R.C.A.F.

Apprentice William Rundle joined the ranks of the Royal Canadian Air Force on November 22, 1941. He started at the School October 1, 1940.

Apprentice Leonard Joylyn, who also started at the Training School on October 1, 1940, left the Training School to join the Royal Canadian Air Force, on December 20, 1941.

### Conclusion

During the summer and fall of 1941, tomatoes, tomato joice, peaches, peach conserve, chili sauce, and cherries were canned in considerable quantity even though the season had been very poor in the production of these crops. The preservation of these fruits is a great factor in the lessening of the cost of boarding the apprentice gardeners at the School.

May I permit myself to say that during this period the general conduct of the students has been satisfactory.

## THE MATHER ESTATE

Progress was made during the year by the executors in charge of the estate of Alonzo Mather, formerly of Buffalo and Los Angeles, whose will contained the following clause:

> **Item 6.** A Commission was appointed in 1919 by special Act of Congress to devise plans, ways and means to erect a memorial bridge from Buffalo to Canada to commemorate One Hundred Years of Peace between the two countries, with which I am in deep sympathy. On account of having long been interested in building a bridge from the foot of Massachusetts Avenue in Buffalo across the Niagara River to Fort Erie, Canada, preparing plans and acquiring the necessary land and terminals on the Fort Erie side over twenty-five years, and on account of the natural beauty and wonderful location, at that time I planned to make a memorial to the artists, authors and inventors of the two countries, and in my plan arranged a gallery extending entirely across the bridge in which suitable busts, tablets, or inscriptions could be placed in commemoration of the great men of both countries, with the idea of bringing closer together the men, women, and children of the two great English speaking peoples, it is my desire unless arranged for before my decease that a sum be set aside from the residue of my estate, not otherwise disposed of, of Two Hundred and Fifty Thousand Dollars ($250,000.) with which to install on this bridge suitable memorials to the memory of Canadian and Americans which in the judgment of the Commission in charge of the Bridge ought to be erected, as well as their locations, also in maintaining and beautifying Mather Park at the Canadian Terminus of the said bridge (which should always be given preference in the expenditures of funds available) which is to be created by the Queen Victoria Niagara Falls Park Commission on land donated to them for that purpose by me, and if said Park is not completed at the time of my death, that they be urged to do so in accordance with the conditions in the deed conveying the land to them.

Every effort is being made to close up the legacies in the will, but at the end of the fiscal year covered by this report, it can only be reported that no definite action had yet accrued.

## PARK RESTAURANT

At the meeting of the Commission in April, 1941, Mr. William B. Bain was appointed steward of the Park Restaurant, which to him was a coming back, he having been manager under the former regime. Despite the many handicaps against tourist business, principally that of direct access being cut off from the parkway in front of the building, owing to the necessity of military guards to protect the power house below the escarpment, the restaurant did a fair business, though nothing like in the "good old days before the war". Mr. Bain succeeded Mr. J. Alfred Ingram, whose death took place early in the year through a highway mishap.

Mrs. Charlotte Barton, Hamilton, was named housekeeper for the Commissioner's Quarters, acting as hostess for visitors who may be accommodated therein.

Mr. J. G. Brown was named steward of the Queenston Restaurant. In the previous year an attempt had been made to have this supervised from the Park Restaurant, but this did not prove successful, and a change of policy was made.

The results were quite satisfactory, the new Queenston Restaurant, ideally situated on the crest of the escarpment just a short distance away from Brock's Monument, and commanding an unsurpassed view of the Niagara River and Lake Ontario, doing much better than was looked for in its first year.

The question of housing the staff at Queenston was given much consideration. To retain them on the premises would have meant a heavy capital expenditure, and the commission decided to house them at the staff quarters in the Park Restaurant Building, turning in a service department truck on a "station wagon" auto to take the staff members to and from the Queenston Restaurant. However during the season just passed the staff lived privately at Queenston Village, with the exception of Mr. and Mrs. Brown, as the station wagon was not purchased until September 1941.

One change was made during the year with regard to the use of the Park Restaurant for events such as dances, without the serving of meals. The Commission decided that under no circumstances would the restaurant be made available for such events which required the removal of the stocks of linens, woollens and china, and that for other such events, the Board would deal with each individual case.

The refrigeration units at the Park Restaurant had been showing signs of wear for many years, and in the fall of 1941 it was felt that they had served their period of usefulness. A committee was appointed consisting of Ross L. Harstone, Archie J. Haines and the new General Manager, Mr. Gray, to obtain designs and prices on new equipment. The entire system will be overhauled and modern units put in to handle cold salads and other dishes. The contracts were awarded at $4,225 to three refrigeration equipment manufacturers, the lowest tenderers on the three sections of the work.

## Historical Guns Retained

The Commission gave serious consideration to the shortage of steel, having in mind the guns of former wars on historic spots within the Commission purview. These include the guns actually used in the War of 1812, and the two guns which form a part of the Niagara District War Memorial located near the Mowat Gates. In view of these facts, it was decided that the historical value was greater than the scrap value of the metal, which could be made up in other ways without historical loss.

## Butler's Barracks

A request was received from the military for heating and ablution accommodation at Butler's Barracks, and this was referred to the Chairman. This building is the earliest structure to survive in this district, and it is probable that steps will have to be taken to carry out improvements which will ensure its retention for the years to come.

## History of the Commission

Attention was given at several meetings of the Commission to having the historical records of the Commission brought up to date. Ronald Way, historian of the Commission, was authorized to proceed with the writing of such a history.

## Sudden Death of Employee

The sympathy of the Commission was extended to the family of James Lundy, employee of the Park Restaurant, who was fatally stricken while he was climbing the steps of the basement after his day's work, August 31st.

### COMMISSION'S THANKS

The thanks of the Commission was extended to the Niagara Falls City Fire Department for its efforts in bringing Miss Blackburn up the bank down which she had fallen. (The Commission pays the City $500 for the services of the fire department as needed.) Additional bills sent for rescue of John Maher, Pittsburgh, were not honoured, the Commission holding that the payment of $500 per annum covered the services of the fire department.

### NO NEW GRANTS MADE

Grants made during the year, all long established were:

Women's Wentworth Historical Society (for maintenance of Stoney Creek War Memorial and 1812-14 war cemetery.) $800.

Niagara Falls Illumination Board $3,000. (The Commission's secretary acts also as secretary of the Board without remuneration.)

Niagara Falls General Hospital, $200.

Niagara Falls C.I. and V.S., scholarship $25.

Niagara Falls Chamber of Commerce, $300.

No grant was made to the Falls View Hose Brigade (one of $50 was asked) in view of the new firefighting arrangement made with the City of Niagara Falls for use of its brigade, but Falls View Volunteer firemen will be paid on a time basis on call.

The $25 grant to the Niagara Falls Collegiate-Vocational School was divided: Miss Doris Brown, $15; Miss Theresa Joinette, $10, both of the special commercial class.

### ENTERTAINMENT DURING YEAR

Entertainment during the year was tendered to the following:

Senator Pepper of Florida and party,
Canadian Women's Press Club, Ontario Branch,
New York Women's Press Club,
Members of the Empire Air Forces,
Australian Trade Commissioner Ellen, Mrs. Ellen and party, Australia,
F. K. Alkio, Consul-General for Finland, Mr. Graham, Finnish consul in Toronto and Mrs. Graham,
Miss Ruth Schmidt, botanist, Whinall Arboretum, Milwaukee,
Members of the Canadian Good Roads Association.

### ENGINEERING WORKS IN YEAR

Construction work during the year included the continuation of work on the sea wall at Mather Park, Fort Erie. The type of wall was of concrete retaining wall and stone parapet wall, including coping stone. The lowest tenderer was Aiken and MacLachlan, the contractor to supply cement, and the price $23,280.

Fill for Mather Park was obtained from the excavation for the Queen Elizabeth Way, and Green and Feldman, St. Catharines, were awarded the contract for haulage at fifteen cents a cubic yard for 80,000 yards.

The Commission decided to carry the sea wall in Mather Park as far as Old Fort Erie, 1700 feet beyond the previous construction, and to fill in the area as soon as finances permit. The plan for the wall was made to take in additional land from Lake Erie where it empties into the Niagara River and to give a more sweeping curve to the wall, benefiting twice.

The contract for the concrete drain and sidewalk at Mather Park was let to Carmen Lorenzo, Niagara Falls, lowest tenderer, at $4,219.

### Engineering Work

L. L. Gisborne, Works Superintendent, reported on the engineering work of the year as follows:

During March we decorated the interior of the addition to the Mackenzie House.

Last year it was found necessary to install a 35 H.P. Motor Generator Set at the Inclined Railway and lay a cable to the new Bridge. This installation was made necessary by the construction of the new Rainbow Bridge, which demolished the terminal stations of the N. S. & T. Railway and shut off our source of D.C. current. The installation was started May 13 and finished June 6 and has given satisfactory service during the past season.

On June 15, during a thunder storm, lightning struck and burnt out the 37½ KVA transformer at the Niagara Glen. To make quick replacement we transferred a 37½ KVA transformer from Queenston Heights to the Glen and bought a new 15 KVA transformer for Queenston. This new transformer was installed June 18.

On June 27 we installed a 5 KVA transformer for the purpose of lighting the Inclined Railway Building and to supply 110V current to the Maid of the Mist Wharf and buildings.

During June the Steward's apartments at the Park Restaurant were decorated.

During July we completely redecorated the Hostess' apartments of the Commissioners' Quarters.

During August the female help quarters of the Park Restaurant were repainted.

During September repairs and painting were started on the Pavilions at the Niagara Glen and Queenston. The one at the Niagara Glen was finished and the one at Queenston Heights was completed.

Handsome stone incinerators were erected at the Niagara Glen and Boys' School.

During December the foundation of the Queenston Gate was poured at the new location The moving of the stonework is being done and will be finished during the summer of 1942.

During the past year we installed 600 feet of new guard rail on the south boulevard, and made extensive repairs on the parapet wall railing in Queen Victoria Park.

General repairs were continuous on the roads, buildings and Park lighting during the year.

### BRIEF NOTES OF INTEREST

Following an accident on November 6, 1926, which resulted in partial disability which worsened, Peter H. Damude was placed on monthly compensation of $45.50 a month, under the Workmen's Compensation Board.

The old brick house on the Larkin farm was disposed of by open tender, the highest tender being $360. The old stone stuccoed house near Paradise Grove, Niagara-on-the-Lake, brought $150 in open tender.

Publicity was arranged for the year through the Industrial News Features Inc. at a cost of $2,500. This covered a wide range of activities, including photos, moving picture news shorts, and much U.S. press publicity.

Metal screens for the open porch at the Queenston Restaurant were considered. As the lowest quotation was $925, and the metal required was needed for war purposes, the Commission decided against installing such screens.

During the early part of 1942, the equipment of the aerial tramway at the Whirlpool, operated by the Niagara Spanish Aerocar Company was thoroughly checked over, and the necessary repairs made.

A request to allow Sunday baseball at Old Fort Erie Park was declined as being against the laws.

Commission Arthur T. Whitaker represented the Commission at the annual convention at New Orleans of the American Institute of Park Executives, the American Park Society and the Association of Arboretums and Botanic Gardens, and presented a lengthy report on his trip and on the convention, a copy being sent to each commissioner for study.

The cost of living bonus was awarded to the staff of the Commission on the same basis as that awarded by the Government of the Province.

The general manager was authorized to fill in with rock along the Niagara Parkway where river detrition was showing, as the Commission trucks were available for haulage, and to arrange for tree planting at other points where the shores have not been washed severely but where some strengthening was needed.

Snow plowing was carried out throughout the winter by D. Hodgins, engaged on a standby and time basis. The Niagara Parkways had two very severe storms during the season.

Mrs. A. Parmiter, severly scalded when using the lavatory at Old Fort Erie, was awarded $750 for personal injuries, half to be paid by the Frid Construction Company, whose men had been working on the building.

The Commission heard with regret of the death in England after an auto accident, of Sir Arthur Hill, director of the Royal Botanic Gardens, Kew, England. Through Sir Arthur the Commission had made a very satisfactory arrangement for the exchange of a senior apprentice yearly. Unfortunately, the outbreak of war upset this arrangement. James Waters was the only apprentice from the N.P.C. School for Apprentice Gardeners to go to Kew, and Leonard Riley the only Kew apprentice to come to Niagara Falls. Riley enlisted during the year in the R.C.A.F. A letter expressing the Commission's regrets over the fatality was sent to Kew Gardens.

The only property purchased during the year was the McGlashan property at the corner of Lakeshore Road and Garrison Road in Fort Erie, at a price of $4,000.

No musical engagements were made for the Oakes Garden Theatre during the year, owing to the war conditions, lessening funds available for such attraction.

The members of the Commission have been very attentive to their duties during the year, the average attendance at Commission meetings having been very high. During the active season, the Chairman, Hon. T. B. McQuesten, has been on the scene almost every weekend. Commissioner John C. M. German, K.C., Toronto, has undertaken considerable legal work for the Commission without remuneration, his legal knowledge being freely placed at the service of the Commission. The Vice-Chairman, Dr. George B. Snyder, Niagara Falls, has been always on duty when detail office work required his attention. Commissioners Ross Harstone, Archie J. Haines and W. L. Houck have attended meetings regularly and served on committees, giving freely of their time and knowledge. Mr. McGillivray attended meetings whenever his health permitted and his extensive experience and advice has been of great help and encouragement to the Commission. The annual report was again prepared, as in previous years, by Commissioner A. T. Whitaker, whose training as a newspaperman particularly fits him for this yearly task. He was honoured during the year, when the Ontario Horticultural Association, at its annual convention banquet held in Toronto, presented him with the J. E. Carter Gold Medal for "leadership in public beautification". The citation noted that he had been a member of the Brantford Parks Board for 17 years, President of the Brantford Horticultural Society for two years, member of Niagara Parks Commission since 1934, and four years president and now Secretary-Treasurer of the Ontario Parks Association.

The annual staff dinner was held toward the close of the season at the Park Restaurant, when most of the members of the Commission and all members of the Commission staff were present. The function was a most pleasing one, giving the Commissioners an opportunity of meeting the employees, many of whom of necessity do not appear where the Commissioners have a chance to meet them.

The Commission in this report desires to pay tribute to the efficiency and willing service of the heads of departments and members of the staff, whether of the permanent staff, those on temporarily or those engaged in purely seasonal work. Department heads under the general manager are: J. W. Archer, Accountant; L. L. Gisborne, Works Superintendent; N. McCartney, Field and Office Engineer; John Oakes, Superintendent of Horticulture; K. M. Broman, Superintendent of Arboriculture; and Ronald Way, in charge of operation of Fort Erie and Fort George.

Complete financial statements, prepared by the accounting staff and properly audited, follow this report, which is respectfully submitted to Your Honour by,

THE NIAGARA PARKS COMMISSION

Hon. T. B. McQuesten, K.C., Hamilton, Chairman,
Dr. George B. Snyder, Niagara Falls, Vice-Chairman,
Hon. Wm. L. Houck, B.S., M.L.A., Niagara Falls.
John C. M. German, K.C., Toronto,
Ross Harstone, Hamilton,
A. T. Whitaker, Brantford,
Donald McGillivray, Port Colborne,
Archie J. Haines, M.L.A., Jordan.

Niagara Falls, Ontario.
June 23rd, 1942.

# BALANCE SHEET

## AS AT MARCH 31st., 1942

## ASSETS

### CURRENT

| | | |
|---|---|---|
| Cash on Hand | $2,250.00 | |
| Accounts Receivable | 1,883.05 | |
| Inventories of Supplies and Souvenirs | 46,466.60 | |
| | | $50,599.65 |

| | |
|---|---|
| WATER RENTALS, EARNED | $196,732.78 |

### RESERVE FUND

Sinking Fund Provision for 5½%, 15 year Debentures due 1st August, 1947:—

| | |
|---|---|
| Deposit with the Treasury Department of Ontario as at December 1st, 1941 | $165,385.31 |
| Accrued interest thereon | 2,205.13 |
| (Deducted from Debenture Issue) | $167,590.44 |

### PROPERTY

| | | | |
|---|---|---|---|
| Land, Buildings and Improvements, cost | $6,302,583.91 | | |
| *Less:* Reserve for Depreciation | 1,629,747.07 | | |
| | | $4,672,836.84 | |
| Office and Restaurant Equipment, cost | $164,363.09 | | |
| *Less:* Reserve for Depreciation | 113,241.19 | | |
| | | 51,121.90 | |
| Cars and Trucks, cost | $17,333.97 | | |
| *Less:* Reserve for Depreciation | 16,289.62 | | |
| | | 1,044.35 | |
| Miscellaneous Equipment and tools, cost | $43,478.61 | | |
| *Less:* Reserve for Depreciation | 26,711.66 | | |
| | | 16,766.95 | |
| Tableware, Linens and Utensils, cost | $34,251.57 | | |
| *Less:* Reserve for Depreciation | 27,503.27 | 6,748.30 | 4,748,518.34 |

### DEFERRED CHARGES

| | | | |
|---|---|---|---|
| Discount on Debentures | $87,820.00 | | |
| *Less:* Written off | 62,149.00 | | |
| | | $25,671.00 | |
| Expenses in re New Bridges Approaches | | 8,769.64 | |
| Expenses in re Protection of Power Plants | | 2,808.04 | |
| Expenses in re Garden Theatre Extension | | 112.95 | |
| Inventories of Expense Items | | 10,757.79 | |
| Unexpired Insurance | | 2,697.75 | |
| | | | $50,817.17 |
| | | | $5,046,667.94 |

## LIABILITIES

| | | | |
|---|---|---|---|
| CURRENT | | | |
| Canadian Bank of Commerce, Niagara Falls, | | | |
| Chairman's Account | $21,129.40 | | |
| Current Account | 15,267.42 | | |
| Payroll Account | 7,556.59 | | |
| | | $43,953.41 | |
| Accounts Payable | | 18,399.87 | |
| | | | $62,353.28 |
| FUNDED DEBT | | | |
| 2½% Notes, Guaranteed by the Province of Ontario, payable 21st December, 1942, $500,000.00 each, numbered 1 to 6 | $3,000,000.00 | | |
| Accrued interest thereon | 20,547.94 | | |
| | | $3,020,547.94 | |
| 4% Instalment Gold Debentures, Guaranteed by the Province of Ontario, Payable 1st December 1928-47. | $2,000.000.00 | | |
| *Less:* Redeemed | 1,228,000.00 | | |
| | 772,000.00 | | |
| Accrued interest thereon | 10,293.33 | | |
| | | 782,293.33 | |
| 5½%, 15 year Debentures, Guaranteed by the Province of Ontario, due 1st August, 1947 | $300,000.00 | | |
| Accrued interest thereon | 2,750.00 | | |
| | $302,750.00 | | |
| *Less:* Amount of Sinking Fund | 167,590.44 | | |
| | | 135,159.56 | |
| | | | 3,938,000.83 |
| RESERVE—Public Liability | | | 29,208.61 |
| SURPLUS | | | |
| As at April 1st, 1941 | | $964,531.23 | |
| *Add:* Excess of Revenue over Expenditure for the year | | 52,573.99 | |
| | | | 1,017,105.22 |
| COMMITMENTS | | | |
| (A) To complete certain improvements. | | | |
| (B) To pay pensions of about $200.50 per month. | | | |
| | | | $5,046,667.94 |

## REVENUE AND EXPENDITURE
## FOR YEAR ENDED 31ST MARCH, 1942

### REVENUE

| | YEAR ENDED<br>March 31, 1942 | <br>March 31, 1941 |
|---|---|---|
| OPERATING REVENUE OR *LOSS* (before Depreciation) | | |
| Table Rock House | | $911.36 |
| Park Restaurant | $7,691.09 | 1,103.29 |
| Queenston Restaurant | **1,284.52** | **218.93** |
| Niagara Glen Restaurant | 1,486.16 | 519.09 |
| Brock's Monument | 4,185.93 | 2,682.34 |
| Clifton Gate House and Incline Railway | 19,009.36 | 10,819.99 |
| Fort Erie Pavilion and Barracks | 182.32 | **770.00** |
| Trading Post | 214.41 | **118.94** |
| | $31,484.75 | $14,928.20 |
| *Less:* Salaries and Expenses of Warehouse and Table Rock House | 9,335.44 | 9,753.02 |
| *Less:* Depreciation on Equipment and Utensils | 9,702.29 | 6,335.48 |

| | | |
|---|---|---|
| NET OPERATING REVENUE AND *LOSS* | $12,447.02 | **$1,160.30** |
| Water Rentals | 532,823.22 | 522,616.55 |
| Privileges, Tolls and Fees | 17,737.79 | 17,687.30 |
| Cash Discount | 496.36 | 665.26 |
| Sundry Revenue | 1,784.00 | 554.61 |
| TOTAL REVENUE | $565,288.39 | $540,363.42 |

## EXPENDITURE

| | | |
|---|---|---|
| Maintenance and Upkeep of Parks and Grounds | $172,214.37 | $127,607.52 |
| Salaries and Expenses of Guards and Caretakers | 23,557.64 | 25,354.22 |
| Administration Expenses | 29,772.76 | 28,083.89 |
| Miscellaneous Expenses | 36,401.38 | 29,651.44 |
| Special Grants | 6,490.24 | 11,746.84 |
| Interest on Debentures, Notes, Loans, Etc. | 118,777.89 | 107,314.69 |
| Discount on Debentures | 4,583.00 | 4,583.00 |
| American Currency Exchange | 15,919.97 | 16,024.32 |
| Written off inventories of Souvenirs | | 10,000.00 |
| Depreciation on Sundry Tools and Equipment | 4,997.15 | 5,792.08 |
| Depreciation on Buildings and Improvements | 100,000.00 | 100,000.00 |
| TOTAL EXPENDITURE | $512,714.40 | $466,158.00 |
| Excess of Revenue over Expenditure | 52,573.99 | 74,205.42 |
| | $565,288.39 | $540,363.42 |

## SCHEDULE OF LANDS, BUILDINGS AND IMPROVEMENTS AS AT MARCH 31st, 1942

LANDS AND IMPROVEMENTS:—

### SCHEDULE 1

| | | |
|---|---|---|
| Butler's Burial Ground | $5,354.78 | |
| Parkway North (Fort George to Niagara Falls) | 983,519.71 | |
| Queenston Heights Park | 185,117.31 | |
| Niagara Glen | 44,183.91 | |
| Lundy's Lane Burial Ground | 6,744.61 | |
| Queen Victoria Park | 1,115,052.58 | |
| Parkway South (Queen Victoria Park to Fort Erie) | 1,237,332.85 | |
| Fort Erie Park | 14,618.39 | |
| Town of Fort Erie | 511,794.98 | |
| Fort Erie to Old Fort | 21,397.61 | |
| Town of Niagara-on-the-Lake | 43,409.83 | |
| City of Niagara Falls | 228,113.45 | |
| Queenston to Niagara Falls | 175,291.35 | |
| Fort George to Queenston | 66,629.11 | |
| | | $4,638,560.47 |
| BUILDINGS:— | | |
| Queenston Souvenir Store | $4,754.94 | |
| Queenston Creche | 8,173.03 | |
| Queenston Restaurant | 35,051.46 | |
| Queenston Pavilion | 2,086.44 | |
| Electric Cable and Transformer Line | 1,174.96 | |
| Buildings for Training School | 40,959.76 | |
| Niagara Glen Inn | 35,493.22 | |
| Administration Building | 97,392.23 | |
| Park Restaurant | 318,286.95 | |
| Table Rock House | 287,025.92 | |
| Dufferin Island Refreshment Stand | 424.78 | |
| Fort Erie Pavilion | 15,602.40 | |
| Garden Theatre | 363,056.08 | |
| Information Building | 22,088.72 | |
| Memorial Arch | 36,526.89 | |
| W. L. Mackenzie Building and Addition | 33,412.28 | |
| Fort George, Niagara-on-the-Lake | 258,642.90 | |
| Fort Erie and Park | 102,667.44 | |
| I.R.C. Power House Building | 595.00 | |
| Sundries | 608.04 | |
| | | 1,664,023.44 |
| TOTAL | | $6,302,583.91 |

## SCHEDULE 2

## CONDENSED STATEMENT OF OPERATIONS OF CONCESSIONS FOR YEAR ENDED 31st MARCH, 1942

| | Receipts Sales | Cost of Sales | GROSS PROFIT Amount | GROSS PROFIT % of Cost |
|---|---|---|---|---|
| Souvenirs | $46,930.17 | $21,310.60 | $25,619.57 | 120.22 |
| China | 9,632.01 | 5,692.37 | 3,939.64 | 69.21 |
| Linen and Woollens | 9,838.86 | 7,108.91 | 2,729.95 | 38.40 |
| Confectionery | 7,277.92 | 4,802.16 | 2,475.76 | 51.56 |
| Tobacco | 6,624.03 | 5,185.39 | 1,438.64 | 27.74 |
| | $80,302.99 | $44,099.43 | $36,203.56 | .......... |
| Meals and Refreshments | 75,075.04 | 47,140.27 | 27,934.77 | 59.26 |
| Tolls and Admissions | 14,699.99 | .......... | 14,699.99 | .......... |
| | $170,078.02 | $91,239.70 | $78,838.32 | |
| **Goods Sold at Cost:** | | | | |
| Souvenirs | $22.75 | $22.75 | | |
| China | 2,198.73 | 2,198.73 | | |
| Linen and Woollens | 25,670.73 | 25,670.73 | | |
| Confectionery | 127.68 | 127.68 | | |
| Tobacco | 10.80 | 10.80 | | |
| | $198,108.71 | $119,270.39 | $78,838.32 | |
| *Add:* Gain on American small money | | | 1,506.41 | |
| | | | $80,344.73 | |
| Salaries and Wages | | $34,620.97 | | |
| Expenses | | 14,239.01 | | |
| | | $48,859.98 | | |
| Salaries and Expenses of Warehouse and Table Rock House | | 9,335.44 | | |
| Depreciation on Equipment and Utensils | | 9,702.29 | | |
| | | | 67,897.71 | |
| Operating Profit | | | $12,447.02 | |

## OPERATING ACCOUNTS FOR YEAR ENDED 31st MARCH, 1942

| | Receipts Sales | Cost of Sales | GROSS PROFIT Amount | GROSS PROFIT % of Cost |
|---|---|---|---|---|
| **Park Restaurant:** | | | | |
| Dining Room | 38,517.81 | .......... | .......... | .......... |
| Lunch Room | 16,677.91 | .......... | .......... | .......... |
| | $55,195.72 | $32,916.87 | $22,278.85 | 67.67 |
| Souvenirs | 10,236.92 | 4,428.18 | 5,808.74 | 131.18 |
| China | 6,768.31 | 3,885.68 | 2,882.63 | 74.18 |
| Linens and Woollens | 7,310.04 | 4,977.71 | 2,332.33 | 46.85 |
| Confectionery | 2,887.49 | 1,971.27 | 906.22 | 45.98 |
| Tobacco | 2,666.58 | 2,129.72 | 536.86 | 25.20 |
| | $85,055.06 | $50,309.43 | $34,745.63 | |
| *Add:* Gain on American small money | | | 137.44 | |
| | | | $34,883.07 | |
| Salaries and Wages | | $19,168.86 | | |
| Expenses | | 8,023.12 | | |
| | | | 27,191.98 | |
| Operating Profit (before Depreciation) | | | | $7,691.09 |

QUEENSTON RESTAURANT:

| | Receipts Sales | Cost of Sales | GROSS PROFIT | |
|---|---|---|---|---|
| | | | Amount | % of Cost |
| Dining Room | $10,982.90 | | | |
| Refreshments | 3,810.71 | | | |
| | $14,793.61 | $9,283.39 | $5,510.22 | 59.36 |
| Souvenirs | 1,021.58 | 552.39 | 469.19 | 84.94 |
| Confectionery | 1,075.00 | 720.78 | 354.22 | 49.14 |
| Tobacco | 723.67 | 595.36 | 128.31 | 21.55 |
| | $17,613.86 | $11,151.92 | $6,461.94 | |
| *Add:* Gain on American small money | | | 5.97 | |
| | | | $6,467.91 | |
| Salaries and Wages | | $4,444.48 | | |
| Expenses | | $3,307.95 | | |
| | | | 7,752.43 | |
| Operating *LOSS* (before Depreciation) | | | | *$1,284.52* |

NIAGARA GLEN RESTAURANT:

| | Receipts Sales | Cost of Sales | GROSS PROFIT | |
|---|---|---|---|---|
| | | | Amount | % of Cost |
| Refreshments | $3,479.19 | $2,262.89 | $1,216.30 | 53.75 |
| Souvenirs | 3,344.21 | 1,470.88 | 1,873.33 | 127.35 |
| China | 1,000.69 | 639.54 | 361.15 | 56.47 |
| Linens and Woollens | 1,719.19 | 1,468.08 | 251.11 | 17.11 |
| Confectionery | 858.68 | 575.74 | 282.94 | 49.15 |
| Tobacco | 713.80 | 587.24 | 126.56 | 21.55 |
| | $11,115.76 | $7,004.37 | $4,111.39 | |
| *Add:* Gain on American small money | | | 47.47 | |
| | | | $4,158.86 | |
| Salaries and Wages | | $1,797.94 | | |
| Expenses | | 874.76 | | |
| | | | 2,672.70 | |
| Operating Profit (before Depreciation) | | | | $1,486.16 |

CLIFTON GATE STORE AND RAILWAY:

| | Receipts Sales | Cost of Sales | GROSS PROFIT | |
|---|---|---|---|---|
| | | | Amount | % of Cost |
| Tickets | $6,281.85 | .......... | $6,281.85 | ...... |
| Refreshments | 1,968.41 | $1,323 08 | 645.33 | 48.77 |
| Souvenirs | 30,980 58 | 14,633.45 | 16,347.13 | 111.74 |
| China | 1,564.49 | 1,129.13 | 435.36 | 38.56 |
| Linen and Woollens | 703.98 | 607.33 | 96.65 | 15.91 |
| Confectionery | 1,382.81 | 1,161.81 | 221.00 | 19.01 |
| Tobacco | 1,546.27 | 1,384.91 | 161.36 | 11.66 |
| | $44,428.39 | $20,239.71 | $24,186.68 | |
| *Add:* Gain on American small money | | | 1,288.06 | |
| | | | $25,476.74 | |
| Salaries and Wages | | $5,308.61 | | |
| Expenses | | 1,158.77 | | |
| | | | $6,467.38 | |
| Operating Profits (before Depreciation) | | | | $19,009.36 |

| Fort Erie Pavilion and Barracks: | Receipts Sales | Cost of Sales | GROSS PROFIT Amount | GROSS PROFIT % of Cost |
|---|---|---|---|---|
| Admission tickets | $1,361.60 | ...... | $1,361.60 | ...... |
| Refreshments | 1,093.36 | $717.79 | 375.57 | 52.32 |
| Souvenirs | 83.91 | 57.41 | 26.50 | 46.16 |
| Confectionery | 311.05 | 208.55 | 102.50 | 49.14 |
| Tobacco | 222.95 | 183.42 | 39.53 | 21.55 |
| | $3,072.87 | $1,167.17 | $1,905.70 | |
| *Add:* Gain on American small money | | | 27.47 | |
| | | | $1,933.17 | |
| Salaries and Wages | | $1,422.00 | | |
| Expenses | | 328.85 | | |
| | | | $1,750.85 | |
| Operating Profit (before Depreciation) | | | | $182.32 |

| Trading Post: | Receipts Sales | Cost of Sales | GROSS PROFIT Amount | GROSS PROFIT % of Cost |
|---|---|---|---|---|
| Admission tickets | $2,324.75 | ...... | $2,324.75 | ...... |
| Refreshments | 513.16 | $636.25 | **123.09** | ...... |
| Souvenirs | 399.29 | 168.29 | 231.00 | 137.26 |
| China | 70.42 | 38.02 | 32.40 | 85.22 |
| Linens and Woollens | 105.65 | 55.79 | 49.86 | 89.37 |
| Confectionery | 276.60 | 164.01 | 112.59 | 68.65 |
| Tobacco | 370.42 | 304.74 | 65.68 | 21.60 |
| | $4,060.29 | $1,367.10 | $2,693.19 | |
| Salaries and Wages | | 1,933.22 | | |
| Expenses | | 545.56 | | |
| | | | 2,478.78 | |
| Operating Profit (before Depreciation) | | | | $214.41 |

| Brock's Monument: | Receipts Sales | Cost of Sales | GROSS PROFIT Amount | GROSS PROFIT % of Cost |
|---|---|---|---|---|
| Gross Receipts from tolls | | | $4,731.79 | |
| Salaries and other expenses | | | 545.86 | |
| Operating Profit | | | | $4,185.93 |

## SCHEDULE 3

## REVENUE FROM WATER RENTALS FOR YEAR ENDED 31st MARCH, 1942

| | YEAR ENDED March 31 1942 | YEAR ENDED March 31 1941 |
|---|---|---|
| From Canadian Niagara Power Company: | | |
| Fixed | $15,000.00 | $15,000.00 |
| Additional | 52,468.26 | 52,413.32 |
| | $67,468.26 | $67,413.32 |
| From Ontario Power Company: | | |
| Fixed | $30,000.00 | $30,000.00 |
| Additional | 88,458.59 | 87,170.38 |
| | $118,458.59 | $117,170.38 |

| | | |
|---|---|---|
| From Electrical Development Company: | | |
| Fixed | $15,000.00 | $15,000.00 |
| Additional | 68,639.91 | 58,106.30 |
| | $83,639.91 | $73,106.30 |
| From Hydro-Electric Power Commission | $263,256.46 | $264,926.55 |
| | $532,823.22 | $522,616.55 |

## SCHEDULE 4

## REVENUE FROM PRIVILEGES, TOLLS AND FEES FOR YEAR ENDED 31st MARCH, 1942

| | YEAR ENDED | |
|---|---|---|
| | March 31 1942 | March 31 1941 |
| From Niagara Spanish Aero Car Company | $3,500.00 | $3,500.00 |
| From Maid-of-the-Mist Steamboat Company | 2,500.00 | 2,500.00 |
| Fees from Lundy's Lane Burial Ground | 270.00 | 275.00 |
| Tower Optical Company—Binoculars | .......... | 29.45 |
| Niagara Concessions, Limited—Rent | 1,000.00 | 1,000.00 |
| Hy-Power Viewing Machines | 8,090.20 | 5,273.45 |
| Niagara Amusements | 140.00 | .......... |
| Wurlitzer Machines | 109.80 | .......... |
| | $15,610.00 | $12,577.90 |
| From Bus Companies: | | |
| Van Dyke, Sight-seeing | .......... | $328.49 |
| Gray Coach Lines, Limited | $922.99 | 1,820.92 |
| Canadian Coach Lines, Limited | 1,030.94 | 2,728.14 |
| Sundry | 173.86 | 231.85 |
| | $2,127.79 | $5,109.40 |
| TOTAL | $17,737.79 | $17.687.30 |

## SCHEDULE 5

## MAINTENANCE AND UPKEEP OF PARKS, PARKWAYS AND GROUNDS FOR YEAR ENDED 31st MARCH, 1942

| | YEAR ENDED | |
|---|---|---|
| | March 31 1942 | March 31 1941 |
| Butler's Burial Ground | $355.64 | $141.47 |
| Military Reserve | 11,906.33 | 1,472.54 |
| Military Reserve to Queenston | 7,143.85 | 5,952.71 |
| Queenston Heights Park | 7,449.40 | 5,314.95 |
| Queenston to Niagara Falls | 34,235.63 | 25,299.94 |
| Niagara Glen | 4,573.71 | 3,824.35 |
| City of Niagara Falls | 16,273.03 | 14,481.75 |
| Lundy's Lane Burial Ground | 1,762.66 | 1,808.47 |
| Queen Victoria Park | 62,907.06 | 51,934.82 |
| Queen Victoria Park to Fort Erie | 12,365.24 | 13,102.97 |
| Town of Fort Erie | 7,938.66 | 1,337.42 |
| Fort Erie Park | 5,303.16 | 2,936.13 |
| TOTAL | $172,214.37 | $127,607.52 |

## SCHEDULE 6

### SALARIES AND EXPENSES OF GUARDS AND CARETAKERS
### FOR YEAR ENDED 31st MARCH, 1942

| | YEAR ENDED | |
|---|---|---|
| | March 31 1942 | March 31 1941 |
| Butler's Burial Ground | .......... | $25.60 |
| Fort George to Queenston | $906.29 | 889.07 |
| Queenston Heights Park | 3,561.13 | 4,452.41 |
| Queenston to Niagara Falls | 2,156.29 | 2,039.07 |
| Niagara Glen | 237.57 | 1,289.64 |
| City of Niagara Falls | 4,086.29 | 3,279.08 |
| Lundy's Lane Burial Ground | 1,454.77 | 1,403.76 |
| Queen Victoria Park | 9,041.10 | 9,597.43 |
| Queen Victoria Park to Fort Erie | 2,114.20 | 2,378.16 |
| TOTAL | $23,557.64 | $25,354.22 |

## SCHEDULE 7

### ADMINISTRATION EXPENSES
### FOR YEAR ENDED 31st MARCH, 1942

| | YEAR ENDED | |
|---|---|---|
| | March 31 1942 | March 31 1941 |
| Executive and Office Salaries | $23,282.15 | $20,893.67 |
| Office Supplies | 1,492.55 | 2,428.96 |
| Office Expenses | 1,895.96 | 2,818.33 |
| Travelling Expenses | 1,190.56 | 433.09 |
| Commissioners' Expenses | 1,911.54 | 1,509.84 |
| TOTAL | $29,772.76 | $28,083.89 |

## SCHEDULE 8

### MISCELLANEOUS EXPENSES
### FOR YEAR ENDED 31st MARCH, 1942

| | YEAR ENDED | |
|---|---|---|
| | March 31 1942 | March 31 1941 |
| Insurance | $4,412.27 | $4,805.21 |
| Advertising | 12,460.11 | 11,661.03 |
| Pensions | 2,286.00 | 1,380.00 |
| Professional Services | 321.50 | 463.60 |
| Exchange on Bond Coupons and Bonds | 88.04 | 93.66 |
| Contribution to Superannuation Fund | 2,118.97 | 2,181.95 |
| Major Accidents | 375.00 | 42.32 |
| Compensation and Medical Fees | 699.40 | 633.23 |
| Leases and taxes | 880.89 | 1,072.84 |
| Car Mileage | 4,164.47 | 4,113.85 |
| Sundry Maintenance | 1,050.39 | 1,543.24 |
| Library, Books, Etc. | 67.24 | 24.41 |
| Telephone Account | 2,082.59 | 1,936.10 |
| Christmas Gifts to Staff | 1,394.89 | .......... |
| Unemployment Insurance | 9.58 | .......... |
| Cost-of-living bonus | 3,990.04 | .......... |
| TOTAL | $36,401.38 | $29,951.44 |

## SCHEDULE 9

## GRANTS AND SPECIAL CHARGES
FOR YEAR ENDED 31st MARCH, 1942

| | YEAR ENDED March 31 1942 | YEAR ENDED March 31 1941 |
|---|---|---|
| Stoney Creek Battleground—Grant | $800.00 | $800.00 |
| Board of Illumination | 1,187.50 | 4,921.84 |
| City of Niagara Falls, re Water Works, portion written off | 3,333.34 | 5,000.00 |
| Niagara Falls Vocational School | 25.00 | 25.00 |
| Niagara Falls Chamber of Commerce | 300.00 | 300.00 |
| Niagara Falls General Hospital | 200.00 | 200.00 |
| Training School Students | 550.00 | 200.00 |
| British War Victims' Fund | 94.40 | .......... |
| TOTAL | $6,490.24 | $11,446.84 |

## SCHEDULE 10

## CAPITAL EXPENDITURE
FOR YEAR ENDED 31st MARCH, 1942

| | | |
|---|---|---|
| Fort George to Queenston: | | |
| Wm. Lyon Mackenzie Building | | $84.94 |
| City of Niagara Falls: | | |
| Planting near Rainbow Bridge | | 289.88 |
| Queenston Heights: | | |
| Restaurant and Pavilion | | 4,678.50 |
| Fort Erie Park: | | |
| For Erie | | 5,811.22 |
| Town of Niagara-on-the-Lake: | | |
| Fort George | | 4,696.59 |
| Town of Fort Erie: | | |
| Land | $4,010.98 | |
| Mather Park | 58,957.56 | |
| | | 62,968.54 |
| Queenston to Niagara Falls: | | |
| Arboretum | | 2,717.63 |
| TOTAL | | $81,247.30 |

## SCHEDULE 11

## STATEMENT OF APPLICATION OF FUNDS, CURRENT BALANCE SHEET ITEMS AND GROSS PROFITS
FOR YEAR ENDED 31st MARCH, 1942

### FUNDS PROVIDED

| | |
|---|---|
| Current Assets as at April 1st, 1941 | $540,551.58 |
| In re New Bridge Approaches | 182.29 |
| Sales ex Property Account | 786.92 |
| Gross Profits for the year | 175,189.77 |
| | $716,710.56 |

### FUNDS EXPENDED

| | |
|---|---|
| Additions to Lands, Buildings and Improvements | $81,247.30 |
| Additions to Office, Restaurant and other equipment | 15,076.52 |
| Reduction of Debenture Indebtedness | 133,057.02 |
| In re Garden Theatre extension | 112.95 |
| Discharged current liabilities as at April 1st, 1941 | 322,373.35 |
| Current Assets as at March 31st, 1942 | 260,787.97 |
| | $812,655.11 |
| *Less:* Current Liabilities as at March 31st, 1942 | 95,944.55 |
| | $716,710.56 |

## CURRENT BALANCE SHEET ITEMS

| | YEAR ENDED March 31 1942 | YEAR ENDED March 31 1941 |
|---|---|---|
| **ASSETS** | | |
| Cash on Hand | $2,250.00 | $1,187.30 |
| Canadian Bank of Commerce | .......... | 241,893.47 |
| Accounts Receivable—General | 1,883.05 | 1,096.97 |
| Accounts Receivable—Water Rentals | 196,732.78 | 194,115.22 |
| Inventories of Supplies and Souvenirs | 46,466.60 | 88,316.91 |
| Inventories of Expense Items | 10,757.79 | 11,146.19 |
| Unexpired Insurance | 2,697.75 | 2,795.52 |
| | $260,787.97 | $540,551.58 |
| **LIABILITIES** | | |
| Canadian Bank of Commerce | $43,953.41 | .......... |
| Accounts Payable | 18,399.87 | $287,288.74 |
| Accrued Interest on Notes and Debentures | 33,591.27 | 35,084.61 |
| | $95,944.55 | $322,373.35 |

### GROSS PROFITS

| | |
|---|---|
| Provision for Depreciation on Lands, Buildings and Improvements | $100 000.00 |
| Provision for Depreciation and Wastage on Office, Restaurant and other equipment. | 14,699.44 |
| Written off a payment of $50,000.00 made to the City of Niagara Falls in 1932 for removal of Water Works (now written off in full) | 3,333.34 |
| Written off Discount on Debentures | 4,583.00 |
| *Net Profit*—added to Surplus | 52,573.99 |
| | $175,189.77 |

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